

*Nuncius Sydereus:*  
OR, THE  
STARRY MESSENGER

For the Year of our Redemption, 1687.  
And from the Creation, according to Sacred  
Writ, 5636.

Being the third after Bissextile, or Leap-year.

Wherein is contained, (1) *Astronomical and Meteorological Observations*, (2) The State of the Year, deduced according to A.R.T. from the Solar Ingresses, Eclipses, various Configurations, Aspects and Conjunctions of the Planets. (3) The *Rising and Setting of the Sun and Moon*: Also Her *Solitudes*; Together with many useful Rules and Tables pertinent for such a Work, Accommodated to the Meridian of London, which lies in the Latitude of 51 deg. 32 min. North, but may indifferently serve (without sensible Error) for any other part of Great Britain. To which is added *Geographical Descriptions*, also an Ephemeris of the *Diurnal Motions and Aspects of the Planets*; together with a *Table of Houses* for the aforesaid Latitude, &c. &c. like to all particulars not extant in any other.

Mr. HENRY COLEY. Student in the Mathematics and the Celestial Science.

## The Sixteenth Impression

Videre facile est, praevidere difficile

I will behold the heavens, from the works of thy fingers, the Moon and the Stars which thou hast ordained. Psalm 8. 3.

L O N D O N

Printed by A. G. for the Company of Stationers. 1687.

**A Catalogue of the Eminent Cities and Towns in England  
Ireland, Scotland, and Wales, with their difference, &c.**

Names of Cities and Towns.	Dep. orar. dist.	heigh. of the Pole.	Nam. of Cit. and Towns.	Dep. orar. dist.	heigh. of th Pole.
H M	D. M.	H M	D M		
Aberdeen Scot.	0 7 S	58 4	Isle of Man	0 17 S	54 2
St. Albans	0 1 S	51 55	Manchester	0 9 S	3 24
Aberthaw	0 1 S	51 42	Monmouth	0 11 S	2 2
Bedford	0 2 S	52 12	Nottingham	0 4 S	3 3
Brighthelm	0 12 S	51 28	Newark	0 3 S	53 2
Barwick	0 6 S	55 50	Newcastle	0 1 S	5 3
Boston	0 0 O	53 2	Norwich	0 5 A	2 46
Buckingham	0 3 S	51 4	Northamp.	0 4 S	2 18
Cambridge	0 2 A	52 20	North Luffe.	0 2 S	1 40
Canterbury	0 4 S	51 25	Oxford	0 5 S	51 45
Carlisle	0 12 S	54 55	Peterborow.	0 2 S	52 35
Chester	0 13 S	53 16	Pembroke	0 19 S	52 54
Coventry	0 6 S	52 30	Quinsboroug.	0 4 A	51 35
Colchester	0 5 A	52 4	Richmond	0 7 S	54 26
Carmarthen	0 17 S	52 2	Rochester	0 2 A	52 30
Chichester	0 2 S	50 56	S. Mic. Mount.	0 23 S	50 38
Darby	0 6 S	53 3	Shrewsbury	0 11 S	52 49
Dartmouth	0 18 S	50 32	Salisbury	0 7 S	51 12
Dorchester	0 10 S	52 31	Stafford	0 9 S	52 54
Dublin	0 27 S	53 11	Stamford	0 2 S	52 41
Durham	0 6 S	54 47	Tredagh	0 27 S	53 38
Edenborough	0 10 S	57 6	Walsingham	0 5 S	52 54
Ely	0 1 A	52 20	Warwick	0 6 S	52 35
Exeter	0 14 S	50 43	Waterford	0 27 S	52 22
Gloucester	0 9 S	52 20	Winchester	0 5 S	51 13
Grantham	0 2 S	52 58	Worcester	0 9 S	52 18
Hartford	0 0 S	51 50	Yarmouth	0 6 A	52 45
Hull	0 11 S	52 14	York	0 4 S	54 00
Huntingdon	0 1 S	53 50			
Hereford	0 1 S	52 24	Lando. the		
Lancaster	0 11 S	54 10	Metropo. of		
Leicester	0 4 S	52 41	Great Brit.		51 32
Liverpool	0 11 S	53 22	under the		
Lincoln	0 1 S	53 15	Latitud. of		

The Julian or Old Style 1687 The Gregorian or New Style used beyond Sea.

Golden Number.	16
Dominical Letter.	E
The Epact.	16
Shrove-Sunday.	Feb. 9.
Easter Day.	March 30
Ascension day.	May 8
White Sunday.	May 18
Advent-Sunday.	Novemb. 30.

A Table of the four Terms and their Returns, &c.

Hilary Term begins January 24. ends February 12.

Start or 8th days.	Exception.	Ret. Brev.	Appearance.
St. Hilary. Jan. 20.	Jan. 21.	Jan. 22.	Jan. 24
Quind. Hil. Jan. 27.	Jan. 28.	Jan. 29.	Jan. 31
Fast. Purific. Febr. 2.	Febr. 4.	Febr. 5.	Febr. 7
Octave Purif. Febr. 9.	Febr. 10.	Febr. 11.	Febr. 12

Easter Term begins April 13. ends May 9.

Quind. Pasch. Apr. 11.	Apr. 12.	Apr. 13.	Apr. 13.
Tres. Pasch. Apr. 18.	Apr. 19.	Apr. 20.	Apr. 21.
Week. Pasch. Apr. 25.	Apr. 27.	Apr. 27.	Apr. 28.
Quind. Pasch. May 2.	May 3.	May 4.	May 5.
Fast. Ascen. May 6.	May 7.	May 8.	May 9.

Trinity Term begins May 27. ends June 15.

Fast. Trin. May 27.	May 24.	May 25.	May 26.
Week. Trin. May 30.	May 31.	June 1.	June 2.
Quind. Trin. June 6.	June 7.	June 8.	June 9.
Tres. Trin. June 13.	June 14.	June 14.	June 15.

Michaelmas Term begins October 24. ends November 27.

Fast. Mich. Octob. 20.	Octob. 21.	Octob. 22.	Octob. 29
Week. Mich. Octob. 27.	Octob. 29.	Octob. 29.	Octob. 31
Fast. Anni. Nov. 3.	Novemb. 4.	Novemb. 4.	Novemb. 7
Quind. Mart. Nov. 12.	Novemb. 14.	Novemb. 15.	Novemb. 16
Octab. Mart. Nov. 19.	Novemb. 21.	Novemb. 22.	Novemb. 23
Week. Mart. Nov. 26.	Novemb. 27.	Novemb. 27.	Novemb. 28

Law is the Golden Standard which divides,  
 Impartial Rights to disagreeing sides;  
 But Crafey Ruffians poor Citizens squeeze,  
 By Fraud, Delay, Tricks, and excessive Fees.  
 Would you avoid these Mischiefs, Study Per,  
 The Governour how may take a Writ of Habeas.

# A Table shewing the Bearing Distance, Longest

Days, and difference of Meridians of most of the Principal Cities in the World, from the Famous City of LONDON.

Names of the Places.	The way, or point of bearing.	Their distance in miles.	Longest Day		Difference Meridians. Ho. Min.
			Ho.	Min.	
Alexandria in Egypt	f. e. by e.	2460	14	0	2 40 A
Amsterdam in Holland	e. by n.	266	16	40	0 28 A
Athens in Greece	f. e. by e.	2642	14	40	0 56 A
Antwerp in Brabant	East ferè	248	16	28	0 28 A
Barwick	North ferè	267	17	24	0 28 A
Babylon	ea. so. ea.	272	14	25	3 56
Brussels	so. ea. by e.	2269	14	6	2 12 A
Bermondas	w. so. w.	3109	14	10	3 36 A
Calicut in East India	so. ea. by e.	5214	12	20	6 8 A
Calice in France	ea. by so.	86	16	25	2 48 S
Constantinople	ea. so. ea.	1517	15	15	2 24 A
Dublin in Ireland	no. w. by w.	296	17	15	0 26 A
Danzick	ea. no. ea.	961	17	5	1 42 A
Donaus	ea. so. ea.	2404	14	15	3 18 A
Edinburgh in Scotland	north.	328	17	40	0 0 A
Ephesus	ea. so. ea.	1808	14	40	2 30 A
Flouence	south east	802	15	0	0 27 A
Frankford	East ferè	448	16	15	0 47 A
Hamburg	ea. no. ea.	538	18	0	0 56 A
Jerusalem	f. ea. by ea.	2352	14	8	3 2 A
London	no. no. w.	930	11	44	0 52 A
Lisbon	so. ea. by e.	2238	14	6	3 0 A
Lisbon in Portugal	so. so. w.	985	14	45	1 0 A
Middeltburg in Zeland	east	205	16	30	0 20 A
Mentz in Germany	east	410	16	25	0 48 S
Milan	so. ea. ferè	645	15	20	0 48 S
Moscow in Barbary	so. so. w.	1449	16	0	0 28 A
Naples	w. by so.	6844	13	20	9 59 A
Niniveh	so. ea. by e.	1051	14	50	0 26 A
Paris in France	ea. so. ea.	2635	14	30	3 52 A
Philipp in Macedonia	so. so. ea.	215	15	57	10 10 A
Prague in Bohemia	ea. so. ea.	2995	15	19	10 24 A
Quinzoy, the greatest City	East ferè	709	16	15	1 14 A
Rome (in the World)	so. ea. by e.	7272	13	35	1 28 A
Spierr	so. ea. by e.	889	15	4	7 7
Strasburgh	ea. by so.	430	16	2	46
Toledo in Spain	ea. by so.	432	16	0	41 A
Troy	ea. by so.	934	14	36	3 36 S
Tunbes	ea. so. ea.	1605	15	3	24 S
Venice	so. w. by w.	805	11	4	56 S
Civil	ea. so. ea.	744	15	20	1 3
York	so. by w.	950	14	40	0 52
LONDON.	North ferè	150	17	0	4
			16	25	0



# The Regal Table.

King and Queens.	Born Anno.	Began to Reign.	Reigned Y. M.	Since their reign ended.	Survived at
William	1133	1166 Oct. 14	33	1199 Dec. 26	66
Henry	1133	1189 Sept. 9	55	1199 Dec. 26	66
Stephen	1133	1155 Dec. 1	22	1155 Dec. 1	22

## The Saxon Line Referred.

Henry	1133	1154 Oct. 25	21	1198 July 6	65
Richard	1133	1189 July 6	56	1198 April 6	65
John	1165	1199 April 6	34	1216 Oct. 19	51
Henry	1189	1216 Oct. 19	27	1233 Nov. 16	44
Edward	1189	1272 Nov. 16	83	1307 July 7	18
Edward	1253	1307 July 7	54	1327 Jan. 25	24
Edward	1312	1327 Jan. 25	15	1327 Jan. 25	15
Richard	1366	1377 June 27	11	1399 Sept. 19	33

## The Line of Lancaster.

Henry	1367	1399 Sept. 29	32	1413 Mar. 20	46
Henry	1384	1413 Mar. 30	29	1422 Aug. 21	38
Henry	1413	1422 Aug. 31	9	1422 March 4	9

## The Line of York.

Edward	1443	1460 March 4	17	1504 April 9	61
Edward	1443	1471 April 9	28	1504 June 21	61
Richard	1443	1483 June 18	40	1493 Aug. 21	50

## The Families United.

Henry	1419	1485 Aug. 22	66	1509 Apr. 21	90
Henry	1419	1508 Apr. 22	89	1531 June 21	112
Edward	1437	1471 Jan. 28	34	1509 July 6	72
Q. Mary	1514	1553 July 6	39	1558 Nov. 1	44
Q. Elizabeth	1533	1558 Nov. 17	25	1568 March 24	35

## The Union of the two Kingdoms.

James	1566	1603 Mar. 24	37	1625 March 27	59
Charles	1600	1625 Mar. 27	25	1649 Jan. 30	49
Charles	1630	1649 Jan. 30	19	1685 Feb. 6	55
James	1633	1685 Feb. 6	52		

Whom God long preserve.

A Race of Glorious Monarchs here are Shown,  
 From whom Great James derives his happy Throne,  
 Monarchy's Heaven's Rule and every thing  
 By Nature pays Allegiance to their King,  
 The Noblest Blood in Europe does combine,  
 To constitute our Royal Sovereigns Line.  
 Then let this be each Subjects Wish and Song,  
 Still to have such a King, and this King long.  
 Under whose Conduct may we long remain,  
 And may he then a Heavenly Kingdom gain.

1687.

January hath xxxj. Days.

New Moon, inc 3 day, 18 min. watch 6 at night.

First quarter the 10 day, 50 mil. past foot.

Full Moon the 18 day, 56 min. past noon

Left quarter the 26 day, 6 min. past 1 afternoon.

M.	D.	Saints - days and Weath.	The Polare	☉	☿	♈	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	R.	E.
1	a	New years day	16 4 51	12	1	13	27	1	18	10	1	18	10	1	18	10	1	18
2	b	Sun. p. Chri	2 38	□	14	23	23	1	27	29	7	2	29	7	2	29	7	2
3	c	Good seasonable	18 46	12	14	1	0	0	0	28	1	0	28	1	0	28	1	0
4	d	weather begins	1 33	12	14	24	25	20	25	28	4	0	28	4	0	28	4	0
5	e	the year probably	19 15	Δ	*	□	26	21	24	28	5	0	24	28	5	0	24	28
6	f	Twelfth day	4 *	12	15	15	25	20	23	24	7	0	23	24	7	0	23	24
7	g	Snow or Rain	19	2	12	□	25	28	*	*28	0	0	28	0	0	28	0	0
8	h	Lucian Pr.	3 17	12	16	Δ	*	26	20	38	1	0	38	1	0	38	1	0
9	i	1 part Epiph	17 2	Δ	27	20	5	□	28	1	0	28	1	0	28	1	0	28
10	j	with coal & g	0 22	16	28	□	□	18	28	0	0	28	0	0	28	0	0	28
11	k	of Nine which	13 18	16	28	□	29	Δ	2	1	0	29	Δ	2	1	0	29	Δ
12	l	may continue	25 57	14	0	Δ	17	22	2	0	2	0	22	2	0	2	0	22
13	m	Hilary B. & C	3 20	16	20	Δ	16	27	4	0	2	0	27	4	0	2	0	27
14	n	without any con-	20 32	12	10	7	5	2	16	27	3	0	27	3	0	27	3	0
15	o	siderable altera	2 35	12	16	1	0	4	D	2	0	0	2	0	0	2	0	0
16	p	2 part Epiph	14 38	□	16	2	7	5	6	27	7	0	27	7	0	27	7	0
17	q	tian till about	27 3	1	17	Δ	8	6	1	27	8	0	27	8	0	27	8	0
18	r	the first Quarter,	8 3	*	4	3	8	6	1	27	8	0	27	8	0	27	8	0
19	s	then expect it	20 27	12	Δ	4	10	5	6	7	1	0	7	1	0	7	1	0
20	t	Ogab. Hill.	2 34	1	1	□	11	10	27	0	0	27	0	0	27	0	0	27
21	u	Agnes Virg.	14 23	12	□	5	12	11	Δ	27	0	0	27	0	0	27	0	0
22	v	Vicent M.	26 2	12	13	5	13	11	18	28	8	0	18	28	8	0	18	28
23	w	Septuagesima	8 35	12	18	*	Δ	Δ	10	27	9	0	27	9	0	27	9	0
24	x	Term begins	20 56	12	*	7	15	1	□	27	10	0	27	10	0	27	10	0
25	y	Conv. St. Pa	3 30	12	18	7	16	16	2	2	12	0	2	2	12	0	2	2
26	z	more calm and	16 30	12	11	8	□	□	*	27	5	0	27	5	0	27	5	0
27	a	Quinch Hill.	29 24	12	15	9	18	15	2	2	1	0	2	2	1	0	2	2
28	b	temperate with	13 35	*	6	6	*	2	3	7	2	0	3	7	2	0	3	7
29	c	morning Frosts.	27 24	12	19	10	20	*	14	27	3	0	14	27	3	0	14	27
30	d	K. Ch. I. Mar	12 30	1	15	10	21	2	25	27	4	0	25	27	4	0	25	27

January, 1687.

*Saturn* at the beginning hereof will be South about 5 in the morning, and may be seen with the ☾ the 23. of this Month some evening. *Jupiter* rises the 8 day about 5 in the Morn. and may be seen with the ☾ the 29 day in the Morn. *Mars* rises the 16 day between 3 and 4 in the Morn. near the East. *Venus* the 24 day meets with the Sun and becomes our Evening Star: *Mercury* cannot be seen.

Fourth H. War.										Geographical Descriptions.									
1	8	2	4	9	M.	32	0	A.	38	Aberdeen, a Town and Sea-port									
2	8	0	4	10		48	1		54	in the Northern part of Scotland famous for the University, and the									
3	7	58		11		42	2		48	Fishing of Perls, and Salmon.									
4	7	57		10	A.	52	3		52	Abassinia, the greatest Kingdom									
5	7	56		1		52	4		58	in all Africa. Abruzzo, a Province									
6	7	55		2		48	5		54	in the Kingdom of Naples. Aden,									
7	7	54		3		38	6		44	a Town in Friesland. Aden, a town									
8	7	53		4		28	7		34	of great Traffick in Arabia, giving									
9	7	52		5		14	8		20	Name to a Kingdom, of which the									
10	7	50		5		2	9		8	Tarks having hang'd up the King.									
11	7	49		5		46	9		54	has possess'd it himself. Alghes,									
12	7	47		5		38	10		44	a town of great Traffick in Africa,									
13	7	46		5		20	11		26	where the Caravans arrive and the									
14	7	45		5		12	12		18	Rendezvous of the Turkish Armies									
15	7	44		5	10	6	1	M.	12	in their Wars against Persia. Alexandria,									
16	7	42		5	10	56	2		2	a City of Egypt, situate on the									
17	7	41		5	11	48	2		54	Mediterranean Sea, a Port of great									
18	7	39		5	12	34	3		40	feat having two Ports and famous									
19	7	38		5	M.	34	4		24	for the Pharos there built, one of the									
20	7	36		5	1	18	4		24	wonders of the World. Alexandria,									
21	7	35		5	2	4	5		10	a City in the Dutchy of									
22	7	32		5	2	43	5		49	Mian. Algiers, a City and Re-									
23	7	31		5	3	25	5		35	publick in Africa, upon the Coast									
24	7	30		5	4	2	7		8	of Barbary famous for Pyramids,									
25	7	28		5	4	46	7		54	and the Defeat of Charles the									
26	7	26		5	5	28	8		34	Fifth's Fleet. Alps, Mountains									
27	7	24		5	6	10	9		16	which divide France from Italy.									
28	7	22		5	7	18	10		14	Amboina, an Island in the Indian Sea									
29	7	20		5	8	10	11		16	upon the North from the Moluccas									
30	7	18		5	9	14	12		20	Adrianople a City in Romania, &c.									
31	7	16		5	10	20	13		20										



# February, 1687:

Set out at the beginning of this Month, rises about 10 at Night, and the 19 hereof in the Even, he will rise with the Sun. In or near the South East. Jupiter, the 6 day rises at 3 in the Morn. and 10. 30. hereof also rise with him. Venus is our Even. Star, and sets after the Sun. Mercury attends the Sun and cannot be seen. The Moon may be seen the 12 day near the Meridian: Nicks, with Cator and Pollax.

Month	Day	Hour	Min.	Sec.	Geographical Description
1	7	15	5	11	M. 41 30 Bide, a Town in Switzerland
2	7	14	5	12	24 30 where the Assembly of the Con-
3	7	12	5	1	A. 2 4 18 des meet. Bagdad, a Town up-
4	7	11	5	2	12 5 18 on the River Tigis. In Asia, a
5	7	10	5	3	6 6 place of great Traffick, by rea-
6	7	8	5	3	32 6 38 son of the Passage from Turkey to
7	7	5	5	4	40 7 46 Persia, a little days Journey from
8	7	4	5	5	24 8 30 the Ancient Babylon. Baltick sea
9	7	3	5	5	14 9 20 lies between Germany, Denmark,
10	6	59	6	7	6 10 12 Sweden, and Poland. Butam, a
11	6	57	6	8	0 11 6 Town in the Isle of Java the
12	6	55	6	8	48 11 54 General Mart of almost all the
13	6	53	6	9	40 12 46 East Indies. Barbary, a Country
14	6	51	6	10	26 1 M. 30 in Africa, lying upon the Medi-
15	6	48	6	11	15 2 21 terranean Sea. Bass, a small Island
16	6	46	6	12	4 3 10 not far from Edinburgh, famous
17	6	42	6	13	M. 4 3 20 for the great quantity of Grese
18	6	40	6	14	38 3 38 that frequent it at certain Seasons.
19	6	36	6	15	30 4 26 Bass, a City giving name to a Can-
20	6	38	6	16	5 22 son of the Switzers seated by the
21	6	34	6	17	57 5 58 River Rhine One of the fairest of
22	6	32	6	18	30 6 36 that Country. Badaria, a Count-
23	6	30	6	19	16 7 22 ry and Duchy in Germany. Ben-
24	6	28	6	20	3 8 8 gala, a Kingdom and Gulph in
25	6	26	6	21	2 9 8 the East Indies. Bermudes an Island
26	6	24	6	22	3 10 8 towards the East of Virginia sub-
27	6	22	6	23	4 11 10 ject to the King of England. Bi-
28	6	20	6	24	8 12 14 bora, the chief Town in Missey sa-

Note, that Venus is our bright Exm. Star from the 24 Jan. till the 8th. of Novemb. 1687. Buda, the chief Town in Hungary.

1687

March hath xxxj. days.

New Moon the 3 day, 40 min. past 3 afternoon.

First quarter the 10 day, 45 min. past 2 at night.

Full Moon the 18 day, 10 min. past midnight.

Last quarter the 26 day, 50 min. past 9 in the morning.

Eph. Acc. m. 5. 1

WD.	Saints days and Wea.	The place	h	☿	♂	☼	♀	♂	♀	☿	♂	☼	♀	☿	♂	☼	♀	Rising and Setting
1	David Bish.	20	20	10	*	19	21	30	9	25	5	M	4					
2	Chad B of Lin.	6	✕	2	10	23	*	22	Y	♂	25	5						28
3	This Month you	21	7	10	☐	W	♂	2	13	25	♂	♂	♂					
4	may well expect	5	Y	59	♂	23	☐	♂	24	♂	14	25	♂					
5	March may	20	27	10	Δ	1	25	5	16	25	8							
6	Midlent Sund	4	♂	29	10	23	Δ	26	6	18	25	9						
7	Perpetua M.	18	2	10	13	3	27	7	*	25	10							
8	weathers & the	1	II	7	10	23	3	*	*	22	25	12						
9	most variety	13	4	Δ	23	4	20	10	24	25	0	M	18					
10	should be about	26	9	10	♂	4	☐	☐	☐	5	1							
11	the Full Moon	3	♂	15	☐	13	♂	Y	14	28	14	2						
12	Greg. M. B.	20	14	10	23	5	2	15	21	14	3							
13	3 Sund. Lent	2	♂	7	9	24	5	Δ	Δ	Δ	24	3						
14	then the Aper	14	0	*	24	7	4	17	Y	24	4							
15	tio portarum of	15	56	9	Δ	7	5	19	5	24	4							
16	the S in and Sa	7	♂	55	9	24	Δ	6	20	7	24	5						
17	turn with other	20	3	9	☐	9	7	21	9	24	5							
18	Edward K.	2	♂	19	9	24	9	♂	22	11	24	5						
19	configurations	14	44	♂	24	☐	9	♂	♂	24	1	♂	♂					
20	Palm Sunday	27	20	9	*	10	10	25	16	24	7							
21	Bredid. Ass.	10	M	10	9	14	*	11	26	18	14	8						
22	may produce high	22	7	9	24	12	12	27	20	24	10							
23	Winds and Rain	6	♂	15	*	24	13	Δ	28	22	25	11						
24	Mrundy Thur.	19	37	9	☐	13	14	Δ	26	24	12							
25	day, and	3	W	15	☐	24	13	15	♂	26	24	5	M	12				
26	Good Friday	17	7	8	24	♂	☐	☐	25	24	1							
27	day	1	♂	16	Δ	24	14	17	3	☐	24	2						
28	or Hall, with	15	40	8	24	15	*	*	Y	24	3							
29	very Turbulent	0	✕	16	8	*	16	19	5	*	24	3						
30	unsettled wea	14	55	8	R.	*	20	7	3	32	1							
31	her, Sec.	29	40	♂	☐	17	21		17	21	4							

March, 1687.

*Saturn* the 3 day rises near 8 at night. *Jupiter* rises the 20 day about 3 in the morning, and may be seen with the Moon the 25 day in the evening. *Mars* soules about the 12 day at 6 in the morning. *Venus* about the 24 day will set at 8 at night, and may be seen sometimes this Month with the Moon, the 22 day you may see her in the evening.

Geographical Description.

Lat.	Long.	Dist.	Remarks
16 0 10	M 8	5	1
4 6 10	C 3	5	2
12 6 0	A 5	3	3
10 6 1	4	4	4
8 6 2	3	5	5
6 6 3	2	5	6
4 6 4	1	7	7
2 6 5	0	3	8
0 6 5	5	0	9
58 7 6	5	9	10
56 7 7	4	10	11
54 7 8	28	11	12
52 7 9	15	12	13
50 7 10	12	1	14
48 7 10	4	1	15
46 7 11	3	2	16
44 7 12	1	3	17
43 7 2	M 1	3	18
41 7 0	5	4	19
39 7 1	3	4	20
37 7 2	1	5	21
36 7 3	13	6	22
35 7 4	5	7	23
34 7 5	3	8	24
32 7 6	4	9	25
30 7 7	4	10	26
28 7 8	4	11	27
26 7 9	4	12	28
24 7 9	58	1	29
22 7 10	48	1	30

*Cairo*, the old City of Egypt, and 2d. of the Turkish Empire near which are Built the Pyramids one of the 7 Wonders of the World. *Cala*, a Town in Picardy, opposite to Dover, formerly in the Possession of the Kings of England, but surpris'd by the French in the Reign of Q. Mary. Its situation gives it the Reputation of one of the City of France, and its gallant Fortifications and great traffick gain it a place amongst the best towns of that Kingdom. *California*, an Island near to New Mexico. *Calis* or *Calis*, an Island and a City upon the Coast of Africa, with a Favour Port, the first Rendezvous of the King of Morocco's Armies, where a large Indian Fleet usually comes in and a place of the Coast sequence but Charles the fifth recommended the preservation of it to his son, as one of the keys of his Dominions; the other two being Gouletta in Barbary and Flushing in Zealand. *Cavie* an Island and Kingdom in the Mediterranean Sea under the subjection of the Venetians, &c.





April, 1687.

At the begin. of this month Saturn will be South about  
 11 at Night, and may be seen with the ☾ about the midst  
 hereof in the Evening. Jupiter rises near midnight, the 10 d.  
 and may be seen with the ☾ the 12 day near midnight.  
 Mars South's the 16 day between 5 and 6 in the morning.  
 Venus sets the 20 day about 8 at night, and the 23 day  
 will be near Aldebaran. Mercury is under the ☉ Beam.

Geographical Descriptions.

Geographical Descriptions.	H. War.	South.	North.	East.	West.
Dalmatia, a Province of Europe	41	35	35	35	35
lying upon the Gulph of Venice and	34	28	28	28	28
anciently a Kingdom, but now Sub-	21	16	16	16	16
ject to many Masters. Danzig, a	14	8	8	8	8
Kingdom in the North part of	10	4	4	4	4
Europe. Dantzick, a town in Prus-	2	56	56	56	56
sia, one of the principal of the	36	7	7	7	7
Hans Towns. Danube, the most	46	8	8	8	8
eminent River of Europe; it rises in	36	9	9	9	9
Swaben and falls into the Black	26	10	10	10	10
Sea. Delfe, a town in Holland where	10	4	4	4	4
William Prince of Orange was Assas-	36	11	11	11	11
inated. Dijon, the chief town of	14	8	8	8	8
Burgundy and seat of a Parliamēt.	M. 14	8	8	8	8
Dronthem, a town of Norway. Duz-	2	54	54	54	54
kirk, or Dunquarke, a strong	42	36	36	36	36
town and Port in Flanders having	20	24	24	24	24
several times been under the sub-	30	3	3	3	3
jection of the French and Spanish	24	4	4	4	4
now in the possession of the French	18	5	5	5	5
King. Dweland, an Island in Zea-	16	6	6	6	6
land, famous for the passage of	12	7	7	7	7
the Spaniards through the Sea in	10	8	8	8	8
the year 1575. Damvillers, a	8	9	9	9	9
strong Town in Luxemburg. Dama-	8	10	10	10	10
bia, a town in Abyssinia. Damascus,	2	54	54	54	54
the chief Town of Phenicia, the	54	11	11	11	11
Residence of a Bashaw, famous for	34	12	12	12	12
its good Grapes excellent Blades,	32	1	1	1	1
and other Demasco works.	14	8	8	8	8

New Moon the 1 day, 32 min. afternoon.											
First Quarter the 9 day, 40 min. past 9 morning.											
Full Moon the 17 day, 24 min. past 3 1/2 morning.											
Last Quarter the 25 day, 55 min. past 11 1/2 at night.											
New Moon the 30 day, 24 min. past 11 1/2 at night.											
WD	Sav'd Days and Wea.	Sp	Pa	Mo	Di	Tri	Qu	St	Pl	Co	Re
1	May day & Rog	20	0	5	1	4	0	5	0	2	100
2	Quinquagesima	19	1	4	0	5	1	4	0	2	100
3	Ascension Day	17	1	5	1	3	5	2	0	2	10
4	Trinity Sunday	16	2	4	0	2	5	2	1	1	20
5	Whit Sunday	15	3	3	0	1	4	2	0	1	30
6	Monday	14	4	2	0	0	3	2	0	0	40
7	Tuesday	13	5	1	0	0	2	2	0	0	50
8	Wednesday	12	6	0	0	0	1	2	0	0	60
9	Thursday	11	7	0	0	0	0	2	0	0	70
10	Friday	10	8	0	0	0	0	1	0	0	80
11	Saturday	9	9	0	0	0	0	0	0	0	90
12	Sunday	8	10	0	0	0	0	0	0	0	100
13	Monday	7	11	0	0	0	0	0	0	0	110
14	Tuesday	6	12	0	0	0	0	0	0	0	120
15	Wednesday	5	1	0	0	0	0	0	0	0	130
16	Thursday	4	2	0	0	0	0	0	0	0	140
17	Friday	3	3	0	0	0	0	0	0	0	150
18	Saturday	2	4	0	0	0	0	0	0	0	160
19	Sunday	1	5	0	0	0	0	0	0	0	170
20	Monday	0	6	0	0	0	0	0	0	0	180
21	Tuesday	31	7	0	0	0	0	0	0	0	190
22	Wednesday	30	8	0	0	0	0	0	0	0	200
23	Thursday	29	9	0	0	0	0	0	0	0	210
24	Friday	28	10	0	0	0	0	0	0	0	220
25	Saturday	27	11	0	0	0	0	0	0	0	230
26	Sunday	26	12	0	0	0	0	0	0	0	240
27	Monday	25	1	0	0	0	0	0	0	0	250
28	Tuesday	24	2	0	0	0	0	0	0	0	260
29	Wednesday	23	3	0	0	0	0	0	0	0	270
30	Thursday	22	4	0	0	0	0	0	0	0	280
31	Friday	21	5	0	0	0	0	0	0	0	290

M.y, 1687.

*Saturn* South's at the very beginning hereof at 9 in the Evening and may be seen with the ☾ the 12 day. *Jupiter* rises about 10 at Night the 10 day and may be seen with the Moon the 18 day early in the Morning. *Mars* rises the 16 day near midnight, and may be seen rising with the Moon the 21 day. *Venus* Sets the 20 day at 10 at night near *Syrus*. *Mercury* is a Morning Star, but invisible.

Month days	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Geographical Descriptions.
1	4	22	8	0	A	43	A	10							<i>Eclipsed</i> State the <i>Pope's</i> Do-
2	4	21	8	0		54	4								minious lying in several Countries
3	4	19	8	1		46	4	54							in <i>Italy</i> <i>Edenburgh</i> , the chief town
4	4	17	8	2		42	3	48							in <i>Scotland</i> . <i>Egypt</i> a Country in
5	4	16	8	3		36	6	42							<i>Africa</i> lying upon the Red Sea.
6	4	14	8	4		25	7	31							<i>Elbe</i> , a River in <i>Germany</i> which
7	4	13	8	5		13	8	24							rises in <i>Bohemia</i> , also an Island in
8	4	12	8	6		0	9								of the <i>Mediterranean</i> Sea, on the coast
9	4	11	8	6		44	9	50							of <i>Tuscany</i> belonging to the Duke
10	4	10	8	7		30	10	36							of <i>Florence</i> . <i>Exfort</i> the chief town
11	4	9	8	8		11	11	8							of <i>Turingia</i> in <i>Germany</i> . <i>Escorial</i> a
12	4	7	8	8		52	11	38							Royal Castle near <i>Madrid</i> , built
13	4	6	8	9		34	12	40							by King <i>Phillip</i> the 2d. of <i>Spain</i> .
14	4	5	8	10		26	1	32							in form of a <i>Grid iron</i> , in Memory
15	4	4	8	11		8	2	14							of the Battle of <i>St. Quintin</i> , this
16	4	2	8	12		56	3	6							Structure cost him 20 millions of
17	4	1	8	12		0	4	2							<i>Gold</i> . <i>Etna</i> , a Mountain in <i>Sicily</i> ,
18	4	0	8	12		56	4	20							Famous for the Flames it often
19	5	59	9	0	M	56	5	0							breaths forth at the top of it. <i>Sa-</i>
20	5	58	9	1		53	6	10							<i>phrates</i> a River in <i>Turky</i> , in <i>Asia</i> .
21	5	57	9	3		47	7	10							<i>Fer</i> , the most Western Island of
22	5	56	9	4		48	8	2							the <i>Cineries</i> famous for a miracu-
23	5	55	9	5		46	9	2							ous Tree growing there which
24	5	54	9	6		44	9	50							supplies the Inhabitants with as
25	5	53	9	7		24	10	30							much water as they have need of.
26	5	52	9	8		18	11	24							<i>Fer</i> , a Kingdom and City of the
27	5	52	9	8		56	12	12							same name with an University in
28	5	51	9	9		46	12	52							<i>Barbary</i> . <i>Finland</i> a Province of
29	5	51	9	10		42	1	48							<i>Sweden</i> . <i>Flanders</i> the most Noble
30	5	50	9	11		28	2	34							Country of <i>Christendom</i> and one of
31	5	50	9	12	A	28	3	26							the 17 Provinces, &c.

First quarter the 8 day, 32 min. past 1 Morning.  
Full Moon the 15 day, 28 min. past 10 morning.  
Last quarter the 22 day, 20 min. past 2 Morning.  
New Moon the 29 day, 52 min. past 1 afternoon.

[illegible]

JUNE, 1687.

Saturn at the beginning hereof, sets about half an hour after midnight, and may be seen with the Moon the 8 day at night. *Jupiter* like the 12 day near Saturn. *Mars* like the 18 day at 10 at night with the Moon. *Venus* sets the 24 day near 10 at night, with the Lyons heart. The 16 day before midnight the Moon is near the bright Star like the *Vulcane*, and *Mercury* attends the Sun.

R. & S. South H. Wat.				Geographical Descriptions.			
1	3	50	1	18	18	Blissing, a very strong Town in Zealand.	
2	3	49	2	12	18		
3	3	49	3	25	18	Florence, the fairest City of Italy, in Tuscany an Arch-Bishoprick and Residence of the Great Duke.	
4	3	48	4	50	6	56	Florida, a Country in America.
5	3	48	5	38	7	44	Fountain-Bleau, the fairest of the King of France's Houses within the Government of the Isle of France.
6	3	48	6	19	8	23	Frankfort upon the Main, an Imperial Town in Franconia, famous for the Fairs and the Election of the Emperors.
7	3	48	7	58	9	4	Frankfort upon the Oder, a Town in Brandenburg.
8	3	47	8	38	9	44	Friseland one of the 7 United Provinces, also a Country in the North-Sea takes for part of Greenland.
9	3	47	9	20	10	26	Gant, the chief Town in Handecus formerly so populous that it would raise an Army of 80000 Men.
10	3	47	10	3	11	9	Ganges, a River in India which divides it into two parts.
11	3	47	11	48	11	56	Gavray, an Island upon the Coast of Normandy, subject to the King of Egypt.
12	3	47	12	14	12	46	land.
13	3	47	13	36	13	M	Gascony, a Province in France.
14	3	48	14	10	32	2	Genoa, a Republick and famous City of the same name in Italy, Govern'd by an Elective Triennial Prince.
15	3	48	15	11	32	2	
16	3	48	16	38	3	46	Geneva, a considerable Town and Common-Wealth, seated upon a Lake of the same name, leagued with the Swissers the first seed Plot and Nursery of Presbytery.
17	3	48	17	38	3	46	
18	3	49	18	38	4	46	
19	3	49	19	40	5	46	
20	3	49	20	36	6	42	
21	3	49	21	28	7	34	
22	3	49	22	18	8	24	
23	3	50	23	19	9	10	
24	3	51	24	58	10	0	
25	3	51	25	49	10	46	
26	3	52	26	46	11	52	
27	3	53	27	18	12	24	
28	3	54	28	10	1	16	
29	3	54	29	4	2	10	
30	3	55	30	58	3	4	
31	3	56	31	52	3	58	

**B** **July**

# July hath xxxi day

First Quarter the 7 day, 52 min. past 4 afternoon.  
Full Moon the 14 day, 53 min. past 5 afternoon.  
Last Quarter the 21 day, 26 min. past 9 morning.  
New Moon the 29 day, 30 min. past 4 morning.

M.D.	WD.	Saints days and Weath.	The D. plac.	h	☾	♂	☉	♀	♂	☾	Moon Rls. and Set.
1	g	Good seasonable	10	40	*	Δ	21	19	27	23	19 9 A 36
2	a	Visit. B. M.	22	39	7	15	♂	20	29	25	18 9 52
3	25	6 past Trin.	4	35	7	15	21	21	♂	27	18 10 12
4	c	weather ushers	16	26	7	□	21	22	♂	29	18 10 26
5	d	in the Month	28	17	7	15	21	*	2	*	18 10 36
6	e	which continues	10	15	♂	*	21	24	3	♂	18 10 52
7	f	more or less till	22	52	7	15	Δ	□	4	5	18 11 5
8	g	about the Full	4	44	7	15	20	26	*	□	18 11 20
9	a	Moon, then	17	28	7	15	□	27	7	9	18 11 37
10	25	7 past Trin.	0	37	*	15	20	Δ	8	11	18 12 20
11	c	we may expect	14	16	7	♂	*	29	□	Δ	18 0 M 20
12	d	some alteration	28	26	7	15	20	30	10	15	18 1 46
13	e	perhaps a few	13	0	□	15	20	♂	Δ	17	18 2 38
14	f	showers or heat	27	59	7	15	19	♂	12	15	18 2 Rises.
15	g	St. Switchin B. I.	13	9	Δ	*	♂	2	14	20	18 8 A 10
16	a	dropps to	28	16	7	15	19	3	15	♂	18 8 35
17	25	8 past Trin.	13	15	7	□	19	4	♂	24	18 8 58
18	c	cool and refresh	27	54	7	15	19	5	17	25	18 9 15
19	d	the Earth, and	12	9	♂	Δ	*	Δ	18	27	18 9 34
20	e	towards the close	26	4	8	14	18	7	19	Δ	18 9 46
21	f	of thi Month	9	32	8	14	18	□	20	♂	17 10 12
22	g	Mary Magda.	22	40	8	14	□	9	Δ	2	17 10 28
23	a	after much heat	5	32	Δ	14	17	*	22	□	17 10 59
24	25	9 past Trin.	18	12	8	♂	Δ	11	24	5	17 11 30
25	c	St. James Ap.	0	41	8	14	17	12	□	*	17 12 16
26	d	expect some	13	0	□	14	17	13	26	8	17 0 M 16
27	e	Thunder in	25	12	8	14	16	14	*	9	17 1 14
28	f	the western	7	19	*	14	16	15	28	10	17 2 23
29	g	parts of's	19	19	8	Δ	♂	♂	29	12	17 2 D. Sets.
30	a	Nation.	1	17	9	14	16	17	□	13	17 8 A 20
31	25	10 past Trin.	13	10	9	□	15	18	1	♂	17 8 38

# JULY, 1687.

*Saturn* sets near 11 at night at the Beginning hereof with the *Moon*. and the 11 day at night you may see the *Moon* separate from *Jupiter*, *Mars* will be with the *Moon* the 15 day at night. *Venus* towards the close of the Month sets near 9 at Night. *Mercury* is become an Evening Star, and at the end hereof sets about 8 at night.

Ris.  
Set.

36  
52  
12  
26  
36  
52  
5  
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20  
20  
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23  
20  
38

D	°	E.	S.	D	Sout.	H.	Wat.
13	56	9	1	A	42	4	A 46
23	57	9	2		22	5	28
33	58	9	3		10	6	16
43	59	9	3		50	6	56
54	1	8	4		30	7	36
64	2	8	5		12	8	18
74	3	8	5		50	8	56
84	4	8	6		34	9	40
94	5	8	7		20	10	26
104	6	8	8		14	11	20
114	9	8	9		20	12	26
124	11	8	10		18	1	M 24
134	12	8	11		20	2	26
144	13	8	12		22	3	18
154	14	8	0	M	22	3	40
164	15	8	1		24	4	30
174	16	8	2		18	5	20
184	18	8	3		8	6	14
194	20	8	3		56	7	2
204	21	8	4		50	7	56
214	23	8	5		35	8	41
224	25	8	6		22	9	28
234	26	8	7		14	10	20
244	27	8	8		6	11	12
254	29	8	9		0	12	6
264	30	8	9		54	1	A 0
274	32	8	10		45	1	51
284	34	8	11		40	2	46
294	36	8	12	A	18	3	24
304	38	8	1		8	4	14
314	39	8	1		50	4	56

## Geographical Descriptions.

*Germany* a Country in the North part of *Europe* it hath the Title of an *Empire* and comprehendeth many great *Provinces* and *Principalities*.

*Gibraltar*, a Town and famous streight, between *Europe* and *Africa*, at the Entry of the *Mediterranean Sea*.

*Gotland* antiently a Kingdom of itself, now subject to the King of *Sweden*.

*Gran or Szigonia*, a City and Arch-Bishoprick upon the *Danube* now under the *Turk*, the Arch-Bishop of that place is perpetual Chancellor of that Kingdom, and hath the honour to Crown the King after he is Elected.

*Greece*, a Country of *Europe*, now subject to the *Turk*.

*Granada*, a Kingdom in *Spain* very considerable in the time of the *Moor's* Dominion there, also a Town in the same Kingdom, one of the biggest of all *Spain*.

New *Granado*, a Kingdom in *Castile* d *Ora* in *America*.

*Greenland* a great Country towards the *Artick* pole, it is an Island or *Tenninsula*.

*Guiana*, a Country in the South-part of *America*.

New *Guinet*, a Country lying East of the *East-Indies*.

August 10th, xxi days.

**Eng. Account.**

First Quarter the 6 day, 45 min. past 6 morning.  
Full Moon the 13 day, 26 min. past 4 morn.  
Last Quarter the 19 day, 32 min. past 7 at night.  
New Moon the 27 day, 52 min. past 8 at night.

M.D.	W.D.	Saints days and Weather.	The place	h	l	3	4	5	6	7	8	9	10	11	12	Moon R. and Set.
1	C	Lamas day.	23	m	2	3	14	15	19	3	0	17	8	A		48
2	D	No considerable	6	11	57	0	14	15	10	0	17	17	8			50
3	E	alteration of	18	55	8	*	14	15	22	5	18	17	9			14
4	F	the weather.	1	m	34	9	14	15	22	0	19	17	9			21
5	G	may I presume	13	25	9	14	14	14	23	7	*	17	9			42
6	H	Transfigurati.	26	4	*	14	14	14	8	21	17	10				24
7	I	1 <sup>st</sup> past Trin.	9	2	8	9	0	14	25	*	22	17	11			6
8	C	be expected	22	35	9	14	13	13	10	0	17	11				21
9	D	this Month.	6	v	42	0	14	13	26	0	24	16	12			21
10	E	Lawrence M	21	14	10	14	13	17	12	12	16	10		M		21
11	F	But for the	6	m	12	14	0	28	12	25	16	1				38
12	G	most part it	24	2	10	*	12	29	14	26	16	2				22
13	H	should be fear	5	*	47	10	14	17	0	15	27	16		Rising		
14	I	2 <sup>nd</sup> past Trin.	22	1	10	0	12	17	17	0	16	7		A		26
15	C	sonable with	6	v	55	0	4	*	2	16	28	16	7			48
16	D	some few	21	22	10	12	13	0	20	29	16	8				3
17	E	cooling breezes	5	0	35	10	15	0	12	29	16	8				20
18	F	of wind and	19	15	10	15	11	5	21	30	16	8				44
19	G	about the	1	II	22	11	15	11	0	22	16	9				0
20	H	middle gentle	15	12	11	0	15	7	12	16	9					35
21	I	3 <sup>rd</sup> past Trin.	27	45	11	15	11	8	24	0	16	10				16
22	C	showres of	10	0	4	0	15	11	*	30	16	11				18
23	D	Rain. Yet	22	14	11	15	11	10	26	30	16	12				22
24	E	St. Bartholom.	4	0	17	11	0	11	27	*	16	0		M		22
25	F	about the end	16	15	*	15	11	12	28	29	16	1				28
26	G	expect high	28	1	11	15	11	13	*	29	16	2				30
27	H	Dog-days beg.	10	m	5	11	0	11	0	30	28	16	3			44
28	I	4 <sup>th</sup> past Trin.	22	0	12	15	11	15	m	0	15					18
29	C	Decol. Jo. Bap.	3	11	57	12	15	Di	16	2	27	15	7	A		12
30	D	and lofty winds	15	57	5	*	17	3	26	15	7					26
31	E	for a few days.	28	3	12	16	11	18	0	25	15	7				45



# AUGUST, 1687.

The second day of this Month, *Saturn* and the *Moon*, and the 7th day *Saturn* and *Venus* meet in the West. *Jupiter* the 10 day sets near 11 at night, but meets the *Sun* the 7 day. *Mars* salutes the *Moon* the 7th day in the Evening, and therefore sets nearly together. But *Mercury* keeps Court with the *Sun* and is hid. &c.

Month days.	D	R. & S.	D	Sour.	H.	War.	Geographical Descriptions.
1	4	38 8	2	28 5	34		
2	4	40 8	3	A 6 6	A 12		<i>Hague</i> , the fairest, best built and most pleasant Village of <i>Europe</i> , the Residence of the Prince of <i>Orange</i> and the Council of the United Provinces.
3	4	42 8	3	52 6	58		
4	4	44 8	4	34 7	40		<i>Hambourgh</i> , a Hans Town of great Traffick upon the <i>Eib</i> in the lower <i>Saxony</i> .
5	4	46 8	5	16 8	42		
6	4	48 8	6	4 9	10		
7	4	50 8	7	0 10	6		<i>Hispaniola</i> , an Island one of the chiefest upon the Coast of <i>America</i> .
8	4	52 8	7	58 11	4		<i>Holland</i> the most considerable of the United Provinces.
9	4	54 8	9	0 12	6		
10	4	56 8	10	4 1	M 10		<i>Hungary</i> , a Kingdom upon the North East of <i>Germany</i> divided between the House of <i>Austria</i> and the <i>Turk</i> .
11	4	58 8	11	8 2	14		
12	4	59 8	12	4 3	10		<i>Jamaica</i> , an Island upon the Coast of <i>America</i> now subject to the Crown of <i>England</i> .
13	5	1 9	0	M 4 3	40		
14	5	3 9	1	2 4	8		
15	5	5 9	1	56 5	2		<i>Japan</i> , an Island in <i>Asia</i> .
16	5	6 9	2	44 5	50		<i>Jarzy</i> , an Island upon the Coast of <i>Normandy</i> but subject to the Crown of <i>England</i> , and With its neighbour Island of <i>Garnzy</i> under the Bishopprick of <i>Winchester</i> .
17	5	8 9	3	35 6	41		
18	5	10 9	4	25 7	31		
19	5	12 9	5	12 8	18		
20	5	14 9	5	8 9	14		
21	5	16 9	7	0 10	6		<i>Java</i> , an Island of <i>Asia</i> .
22	5	18 9	7	54 11	2		<i>Jernsa'lem</i> , a Town in the Holy Land in <i>Asia</i> the Theatre upon which was acted the chief Mysterics of our Salvation.
23	5	20 9	8	50 11	56		
24	5	22 9	9	38 12	A 44		<i>Indies</i> West the same with <i>America</i> .
25	5	24 9	10	24 1	30		
26	5	26 9	11	13 2	20		
27	5	28 9	11	54 3	0		
28	5	30 9	12	34 3	40		
29	5	31 9	1 A	12 4	18		
30	5	33 9	1	55 5	2		
31	5	35 9	2	38 5	44		

# September hath xxx days.

Eng. Accou.

First Quarter the 4 day, 6 min. past 6 at night.  
Full Moon the 11 day, 30 min. past 9 in the morning.  
Last quarter the 18 day, 42 min. past 9 in the morn.  
New Moon the 26 day, 52 min. past Noon.

M.D	W.D	Saints days and Weath.	The D. plac.	h	p	☿	☽	♀	♂	☾	☼	Moon-Ris. and Set.
1	f	Giles Ab. & Co.	10m	17	12	16	☐	19	☿	24	15	7 A 54
2	g	Moderate good	22	44	12	16	11	*	6	*	15	8 16
3	h	weather at the	5	2	12	16	*	21	7	12	15	8 42
4	a	15 past Trin.	18	28	*	☿	11	☐	8	☐	15	9 22
5	c	Beginning here-	1	vp	53	12	16	11	23	*	23	15 10 14
6	d	of, after which	15	43	☐	16	11	24	9	☐	15	11 16
7	e	expect high	0	2	13	16	11	☐	10	18	15	12 44
8	f	Nat. B. Virg.	14	44	☐	*	☿	26	☐	17	15	0 M 44
9	g	winds bringing	29	48	13	16	11	27	12	17	15	2 16
10	a	Rain or drizzling	15	*	1	13	☐	12	27	☐	15	3 56
11	b	16 past Trin.	29	55	13	17	12	☐	14	16	15	D Rises.
12	c	labbey weather	15	V	16	☿	☐	*	29	15	16	15 6 A 10
13	d	and thus chiefly	29	58	13	17	12	30	16	Di	15	6 25
14	e	Exalt. Crucis	14	☽	14	14	17	☐	☐	☽	☐	15 6 45
15	f	about the Full	28	0	14	17	13	☐	17	16	15	7 10
16	g	Ember week.	10	II	20	☿	☐	3	18	☐	14	7 35
17	a	Moon thence	24	8	14	17	13	4	19	17	14	8 12
18	b	17 past Trin.	6	☽	48	14	18	13	☐	2	18	14 9 20
19	c	to the end no	19	6	☐	13	14	6	☐	*	14	10 12
20	d	great alterati-	1	☽	10	14	18	14	7	21	20	14 11 28
21	e	St. Matthew.	13	9	*	☐	☿	*	2	21	14	12 42
22	f	on, but for the	25	8	14	18	14	9	☐	22	14	0 M 42
23	g	most part seaso-	6	☽	56	15	18	15	10	23	23	14 2 45
24	a	nable though	18	49	15	☐	15	11	*	25	14	3 55
25	b	18 past Trin.	0	☐	47	15	19	15	12	☐	14	5 24
26	c	in dripping	12	51	☐	*	☐	☿	2	28	14	D Sets.
27	d	growing wea-	24	56	15	19	16	14	25	29	14	5 58
28	e	ther, Jmy Rul.	7	m	15	15	19	16	15	27	☐	14 6 12
29	f	St. Michael.	19	4	15	19	☐	16	27	2	1	6 28
30	g	fail me not.	2	2	30	15	19	16	17	☿	*	14 7 0

# SEPTEMBER, 1687.

*Saturn* at the beginning hereof, sets about 7 at night, and within few days after, falls under the *Sun* Beams; and therefore will be hid from our sight. *Jupiter* the 4 day in the Evening will be with the *Moon*, and the 8th at night the *Moon* and *Mars* may be seen together. *Venus* sets the 20 day near 8 at night and is very near a Sextile with *Mercury* who sets before the *Sun*.

☉	☿	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Geographical Descriptions.
1	5	37	7	3	A	20	6	A	26			<i>Jordan</i> , a River in the Holy Land in <i>Asia</i> , it falls into the Black Sea.
2	5	40	7	4		6	7	12				<i>Ipre</i> , a Town in <i>Flanders</i> where <i>Cornelius Jansenius</i> was Bishop.
3	5	42	7	4		5	8	4				<i>Islande</i> , an Island belonging to the King of <i>Denmark</i> .
4	5	44	7	5		5	3	5				<i>Juliers</i> , a Town and Dutchy of the Empire in <i>Germany</i> .
5	5	46	7	6		5	4	10				<i>Komorre</i> , a Fortress upon the <i>Danube</i> in <i>Hungary</i> belonging to the House of <i>Austria</i> .
6	5	48	7	7		5	4	11				<i>Kyempe</i> , a very strong Town in <i>Asia</i> .
7	5	50	7	8		5	4	12				<i>Kanisa</i> , a Town in <i>Hungary</i> the Residence of a <i>Turkish</i> Bashaw.
8	5	51	7	9		5	4	1	M			<i>Kendal</i> , a Town in <i>Westmorland</i> in the North of <i>England</i> which gives a Title to the Eldest Son of the Duke of <i>Essex</i> in <i>France</i> , who is called Duke of <i>Candalle</i> .
9	5	53	7	10		5	6	2				<i>Luxemburg</i> , a Dutchy and one of the 17 Provinces of the Low-Countries.
10	5	57	7	11		4	5	2	51			<i>Luxembourg</i> , the chief Town of that Dutchy; also the Name of one of the Noblest Pallaces of <i>Europe</i> in <i>Taris</i> , built by Queen <i>Mary de Medicis</i> the Wife of <i>Henry</i> the Great of <i>France</i> .
11	5	59	7	12		3	8	3	20			<i>Lipar</i> Islands in the <i>Mediterranean</i> Sea upon the North of <i>Sicily</i> .
12	6	1	6	0	M	3	8	3	44			<i>Livonia</i> or <i>Leifland</i> , a Province in <i>Poland</i> , subject the K. of <i>Sweden</i> .
13	6	2	6	1		3	2	4	38			<i>Live</i> , a Town in <i>Brabant</i> .
14	6	3	6	2		1	7	5	29			<i>Locomoriens</i> , a People of <i>Tartary</i> .
15	6	4	6	3		1	3	6	18			
16	6	6	6	4		2	7		8			
17	6	8	6	4		5	4	8	2			
18	6	10	6	5		5	8	9	2			
19	6	12	6	6		4	5	9	51			
20	6	14	6	7		3	8	10	44			
21	6	16	6	8		2	2	11	35			
22	6	18	6	9		1	6	12	21			
23	6	20	6	10		1	1	A	7			
24	6	22	6	10		4	6	1	52			
25	6	24	6	11		2	6	2	32			
26	6	26	6	12		1	2	3	18			
27	6	28	6	0	A	4	3	3	50			
28	6	30	6	1		2	8	4	34			
29	6	31	6	2		1	4	5	20			
30	6	32	6	3		5	6		11			

# October hath xxxi days.

First quarter the 4 day, 24 min. past 3 in the morning  
 Full Moon the 10 day, 40 min. past 6 at night.  
 Last quarter the 18 day, 18 min. past 3 in the morn.  
 New Moon the 26 day, 6 min. past 5 in the morning.

Eng. Account. M.D.	W. D.	Saints dayes and Weath.	The plac.	h	2	8	0	1	2	3	4	5	6	7	8	9	10	11	12	moon RH. and Ser.
1	a	Pleasant wea-	15	24	*	0	*	*	20	5	14	7	A	28						
2	b	19 past Trin.	28	39	16	20	18	19	29	8	14	8		6						
3	c	ther the Stason	12	0	□	20	18	20	2	□	14	9		12						
4	d	considered, till	25	44	16	20	18	□	*	11	14	10		30						
5	e	about the	9	47	△	20	19	22	1	△	13	12		2						
6	f	Faith V. M.	24	11	16	*	0	△	□	15	13	0	M	2						
7	g	Full Moon.	8	45	16	21	20	24	1	16	13	1		34						
8	a	Toen an altera	23	50	16	□	20	25	2	18	13	2		56						
9	b	20 past Trin.	8	32	17	21	21	26	△	20	13	4		28						
10	c	tion to Wind.	23	22	0	△	*	0	2	0	13		D	Rises.						
11	d	and Rain may	8	5	17	21	22	28	3	23	13	4	A	56						
12	e	doubtless be ex-	22	10	17	21	□	29	0	25	13	5		20						
13	f	pected as I con	6	11	17	23	23	m	3	27	13	5		42						
14	g	K. Jam. 2d. Na.	19	37	△	0	△	1	3	28	13	6		20						
15	a	jesture and	2	34	17	22	24	△	3	28	13	7		12						
16	b	21 past Trin.	15	15	□	22	24	3	4	m	13	3		15						
17	c	ebence to the	27	35	17	22	24	4	△	3	13	9		20						
18	d	St Luke Evan.	9	34	18	23	25	□	4	□	13	10		36						
19	e	Months end.	21	35	*	△	0	6	12	7	13	11		50						
20	f	Tres Michael.	3	27	18	23	26	*	□	*	13	12		58						
21	g	we should have	15	10	18	23	26	8	4	10	13	0	M	58						
22	a	temperate wea-	27	13	18	□	27	9	*	12	13	2		16						
23	b	22 past Trin.	9	12	18	24	27	10	3	13	13	3		22						
24	c	Term Begins.	21	2	2	*	28	11	3	15	12	4		32						
25	d	ther in general,	3	46	18	24	△	12	3	16	12	4		42						
26	e	with cold Mor.	16	21	19	24	29	0	2	0	13		D	Sets.						
27	f	Mens Michael.	29	11	19	24	□	14	0	20	13	4	A	50						
28	g	S. Simon & Jude	12	14	*	25	*	15	2	21	13	5		44						
29	a	& Evnings not	25	30	19	0	*	16	1	23	12	5		8						
30	b	23 past Trin.	8	58	19	25	1	17	1	24	12	7		12						
31	c	at all unwhol.	22	37	□	25	2	*	*	*	13	8		22						

# OCTOBER, 1687.

*Saturn* cannot be seen to any purpose till towards the latter end thereof, *Jupiter* will be with the *Moon* the first day, and about the 8 day sets near 8 at night; *Mars* will be South the 12th day at 2 at night, *Venus* sets the 20 day near 8 at night, and afterwards falls under the Sun Beams, and will be as hard to be seen as *Mercury*.

D.	☉	R. & S.	D.	Spout.	H.	Wat.	Geographical Descriptions.
1	6	35	6	1	A	27	A 8 Lombardy, a Country in Italy upon the Po.
2	5	38	6	4		58	8 4 Loire, one of the principal Rivers of
3	6	40	6	5		54	9 0 France, it rises in the Cevennes in Lan-
4	5	42	6	6		52	9 58 gnedoc, and falls into the Western Ocean
5	6	44	6	7		52	10 58 below Nants in Britany.
6	6	45	6	8		50	11 56 Loretto, a Town in the Ecclesiack-
7	6	48	6	9		42	12 48 state upon the Adriatick Sea, famous for
8	6	50	6	10		35	1 M 41 the Devotions and Pilgrimages there
9	6	52	6	11		25	2 31 made to our Lady.
10	6	54	6	12		16	3 20 Lorrain, a Dutchy Sovereign in Eu-
11	6	56	6	0	M	16	3 50 rope.
12	6	58	6	1		10	4 16 Low-Countries the 17 Provinces of
13	7	0	5	1		58	5 4 Belgia, or lower Germany, there is also
14	7	2	5	2		54	6 2 another Country in Canada that bears
15	7	4	5	3		54	7 2 the same Name.
16	7	6	5	4		56	8 2 Luberk, an Imperial Hans Town in
17	7	8	5	5		42	8 48 lower Saxony.
18	7	10	5	6		32	9 38 Lunebourg, a Hans-Town and Sove-
19	7	12	5	7		22	10 28 raign Dutchy of the same Name in Sax-
20	7	14	5	8		6	11 12 ony in Germany; there is higher and
21	7	16	5	8		52	11 58 lower Saxony.
22	7	18	5	9		22	12 28 Madera, an Island upon the West of
23	7	20	5	9		58	1 A 4 Barbary, lying in the Western Ocean be-
24	7	21	5	10		48	1 54 longing to the King of Portugal.
25	7	23	5	11		30	2 36 Madrid, a Town in Castilia-Nova,
26	7	24	5	12	A	11	3 17 the chief Town in Spain, and Resi-
27	7	26	5	1		4	4 10 dence of the King thereof.
28	7	28	5	2		5	5 11 Malacca, a Town in a Pinsula made
29	7	30	5	2		52	5 58 by the River Indus, it is now in the
30	7	31	5	3		52	6 58 possession of the Hillanders who took
31	7	32	5	4		50	7 56 it from the Portugals.

Novemb.

Novemb.

# November hath xxx days.

Eng. Accou.

First Quarter the 2 day, 38 min. past 11 in the morn.  
Full Moon the 9 day, 36 min. past 6 in the morn.  
Last Quarter the 16 day, 40 min. past 10 at night.  
New Moon the 24 day, about 9 at Night.

WD.	Saints days and Weath.	The D plac.	h	u	♂	☉	♀	♀	♂	MoonRis. and Set.
1	d All Saints.	5	27	19	26	2	19	30	27	12 9 A 48
2	e All Souls.	20	27	Δ	*	3	□	29	29	12 11 12
3	f Craft. Anim.	4	35	19	26	♂	21	□	12	12 40
4	g Good seasonable	18	53	2	□	1	Δ	28	1	12 0 M 40
5	a Powder Treas	3	15	20	26	5	23	Δ	Δ	12 2 6
6	b 24 past Trin.	17	39	♂	26	5	24	27	5	12 3 26
7	c weather at the	2	5	10	Δ	*	25	26	7	12 4 50
8	d beginning here-	16	15	20	27	6	26	26	8	12 6 10
9	e of, and about the	11	17	20	27	□	♂	♂	10	12 D Rile
10	f Full-M. an alte-	14	3	Δ	27	7	28	25	♂	12 4 A 10
11	g Martin B. & Co.	27	27	20	♂	8	29	24	13	11 4 45
12	a Craft Mart.	10	30	20	25	Δ	1	23	14	11 5 44
13	b 25 past Trin.	23	34	□	28	9	1	Δ	16	11 6 58
14	c ra. may be exp.	5	35	21	28	10	Δ	22	17	11 8 9
15	d viz. winds bring	17	42	*	28	10	3	□	Δ	11 9 26
16	e ing Rain or cold	29	39	21	Δ	11	□	21	20	11 10 46
17	f Snow and Sleet,	11	28	21	25	♂	5	21	21	11 12 2
18	g with dark clou-	23	29	21	□	12	6	*	□	11 0 M 2
19	a Octab. Mart.	5	10	21	25	12	*	20	24	11 1 5
20	b 26 past Trin.	17	12	♂	29	13	9	20	26	11 2 40
21	c dy melancholy	29	25	21	*	14	10	19	27	11 3 58
22	d weather for som-	11	57	21	30	Δ	11	19	29	11 5 15
23	e time, but at or	24	47	21	15	12	♂	11	6	25
24	f about the New	7	55	22	0	16	♂	19	1	11 D Sets.
25	g Moon it should	21	22	*	1	□	14	18	3	11 3 A 58
26	a Quin. Mart.	5	57	6	22	♂	17	15	18	11 4 54
27	b Advent.	19	5	□	1	*	16	*	5	11 5 58
28	c Term ends.	3	22	1	18	17	D	7	11	11 7 24
29	d is more grat'ful	17	15	Δ	1	19	*	□	8	11 8 50
30	e St. Andrew ap.	1	28	22	*	20	19	18	*	10 10 10

# NOVEMBER, 1687.

*Saturn* is out of the *Sun Beams* now, and rises at the beginning hereof about 5 in the Morning. *Jupiter* about the middle of the Month sets near 6 in the Evening. The Moon the 3d day is near *Mars* seperating. *Venus* meets a Conjunction with the *Sun* the 8th day, and so becomes our bright Morning-star. *Mercury* will not be seen.

D.	☉	R.	☿	S.	D.	Sout.	H.	Wat.	Geographical Descriptions.
17	34	5	5	A	50	8	A	56	<i>Magdelbourg</i> , a Hans-Town in <i>Saxo-</i>
27	36	5	6		44	9	50		<i>ny</i> , often sack'd by the Imperialists a-
37	38	9	7		40	10	46		gainst whom it withstood a memorable
47	39	5	8		32	11	38		Siege for the space of 15 months in the
57	40	5	9		16	12	22		year 1545, one half of the Town is free,
67	42	5	10		6	1	M	12	the other is subject to the Elector of
77	43	5	10		54	2			<i>Brandenbourg</i> , who was put into the pos-
87	45	5	11		48	2	54		session of it, by the Peace concluded in
97	48	5	12		40	3	30		the year 1648.
107	49	5	0	M	40	3	50		<i>Magellan</i> a famous Streight upon the
117	50	5	1		38	4	44		South of <i>America</i> .
127	52	5	2		32	5	38		<i>Malaga</i> , a Port Town in the King-
137	53	5	3		22	6	28		dom of <i>Granado</i> , famous for the Wine
147	54	5	4		18	7	24		it sends forth.
157	55	5	5		8	8	14		<i>Malta</i> , an Island in the Mediterra-
167	56	5	5		56	9	2		nean Sea between <i>Sicily</i> and <i>Affrica</i> ,
177	57	5	5		36	9	42		whose Knights are a considerable Bul-
187	58	5	7		18	10	24		wark of <i>Christendom</i> .
197	59	5	8		2	11	8		<i>Mansfeld</i> , a Town and County of the
208	0	4	8		3	11	41		Empire in Upper <i>Saxony</i> .
218	1	4	9		18	12	24		<i>Mastricht</i> , a Town in <i>Lyegois</i> upon
228	2	4	10		0	1	A	6	the River <i>Mase</i> subject to the States of
238	3	4	10		48	1	54		<i>Holland</i> .
248	4	4	11		40	2	46		<i>Mediterranean-Sea</i> , lyes in the midst
258	5	4	12		32	3	38		of our Continent, between <i>Europe</i> , <i>Af-</i>
268	6	4	1	A	36	4	40		<i>frica</i> , and a part of <i>Asia</i> .
278	6	4	2		35	5	41		<i>Meckelbourg</i> , a County and Dutchy
288	7	4	3		34	6	40		of the Empire in <i>Germany</i> .
298	8	4	4		32	7	38		<i>Mentz</i> , a free Town upon the Rhine
308	8	4	5		22	8	28		in <i>Germany</i> , which gives name to an e-
									lectual Arch-Bishoprick.

December

December

# December hath xxxi days.

First Quarter the 1 day, 36 min. past 7 at night.  
 Full Moon the 8 day, 52 min. past 8 at Night.  
 Last Quarter the 16 day, 32 min. past 8 at Night.  
 New Moon the 24 day, 56 min. past 10 in the morn.  
 First Quarter the 21 day, 44 min. past 2 in the morn.

M.D.	W.D.	Saints days and Weath.	The D. plac.	h	M	S	☉	☿	♀	♂	Moon Rises and Sets.	
1	f	Some change of	15	X	36	22	2	♄	□	△	10 10 11 A 38	
2	g	the Air at the	29	41	22	□	21	21	19	11 10 11	9	
3	a	beginning hereof	13	V	43	22	2	21	22	19	□ 10 11 M 0	
4	12	2. Advent	27	41	♂	△	22	△	19	13 10 20	20	
5	c	yet not unseaso-	11	8	34	22	3	23	24	♂	△ 10 3 48	
6	d	ble, perhaps (ha)	25	11	23	3	*	25	20	14 10 5	4	
7	e	enough, but	3	II	57	23	3	24	26	20 15 10 6	30	
8	f	Concep. B. V.	22	22	△	3	□	♂	21	15 10	☿ Rises.	
9	g	warmer wea-	5	32	23	♂	25	28	21 16 10 3	A 28		
10	a	ther follows.	18	27	□	4	26	29	△	♂ 10 4	15	
11	12	3. Advent	5	56	23	4	△	☿	22	12 10 5	38	
12	c	and the most	13	28	23	4	27	1	23 15 10 6	46		
13	d	Lucy. Virg. M.	25	36	*	5	28	2	□ 15 10 8	4		
14	e	Ember week	7	31	23	5	△	24	14 10 9	16		
15	f	variation	19	24	23	5	25	4	*	△ 10 10	20	
16	g	St Sapiaentia.	1	12	23	□	♂	□	25 13 10 11	46		
17	a	ould be the	13	3	23	6	☿	5	26 10 12	44		
18	12	4. Advent	25	6	♂	5	1	7	26 10 10 0	M 44		
19	c	latter part	7	m	14	23	*	2	* 27 2	6		
20	d	hereof.	19	43	23	6	2	9	23 7 3	28		
21	e	St. Thomas Ap	2	2	42	24	5	△	10 6 9 5	4		
22	f	and probably	16	3	14	7	3	11	29 5 9 6	18		
23	g	in or near the	29	46	*	♂	□	12	2 9 7	40		
24	a	Holy-days, but	13	55	24	7	5	♂	0 3 2	☿ Sets.		
25	12	Christmas day	28	2	□	7	*	14	* 2 9 4	A 40		
26	c	St. Stephen	12	55	24	8	6	15	2 1 9 6	12		
27	d	St. John	27	3	△	8	7	16	□ * 9 7	46		
28	e	Innocents	12	X	24	*	7	* 3 2 9 9	18			
29	f	to great store of	26	26	24	8	8	18	△ 9 10	35		
30	g	Frost and Snow.	16	V	35	24	□	♂	19 4 32 9 12	4		
31	a	Silvester B.	04	51	♂	9	9	□	5	△ 9 5	M 4	



# DECEMBER, 1687.

*Saturn* at the beginning of this Month rises about 3 in the Morning, and *Mars* is near the *Moon* the 1st day in the Evening in the *West*, *Venus* towards the end hereof rises near 6 in the Morning, being our bright Morning-star. *Jupiter* and *Mercury* cannot be seen this Month; at least very rarely, if at all. *Finis Coronat opus.*

Month days

☉ R. & S. D. Sout. H. Wat.

## Geographical Descriptions.

*Mantouan*, a County and Duchy in *Italy*.

*Mantova*, the chief Town of that Duchy and Residence of the Duke.

*Marecco*, a Town in a Kingdom of the same name in *Africa*, upon the West of *Barbary*.

*Marburg*, a Town in *Hessen* a Province of *Germany*.

*Messina*, a City and Arch-Bishoprick in *Sicily* the bravest Port in the whole Island.

*Metz*, a City and Bishoprick in *Lorraine*, now Subject to the *French-Crown*, and Seat of a Parliament.

*Mexico*, an Arch-Bishoprick and chief Town of *New Spain*, Residence of a Vice-Roy, and famous for its Silver which is esteem'd the best in the World.

*Mexico* or *New Spain*, a Country so called in *America*.

*New Mexico*, a Country of great extent in the West Part of *America*.

*Middleburg*, the chief Town in the Island of *Zealand*; also a Town of that Name in *Flanders* under the Subjection of the States of *Holland*.

*Mortara*, a Town in the Duchy of *Milan* whom *Charles* the Great formerly obtain'd a signal Victory over the *Lombards*.

Expect the rest of the Alphabet in my next.

A

☉	R.	&	S.	D.	Sout.	H.	Wat.
18	9	4	6	A	11	9	A 16
28	10	4	7		4	10	10
38	11	4	7		46	10	52
48	12	4	8		37	11	43
58	12	4	9		26	12	32
68	13	4	10		18	1	M 24
78	13	4	11		14	2	20
88	13	4	12		10	3	16
98	13	4	0	M	10	3	30
108	13	4	0		54	4	12
118	13	4	1		58	5	4
128	13	4	2		49	5	55
138	13	4	3		39	6	38
148	13	4	4		18	7	24
158	13	4	4		55	8	1
168	13	4	5		44	8	50
178	13	4	6		16	9	22
188	13	4	7		4	10	10
198	12	4	7		4	10	48
208	12	4	8		25	11	35
218	12	4	9		12	12	18
228	12	4	10		3	1	A 8
238	12	4	11		5	2	11
248	11	4	12	A	8	3	14
258	10	4	1		8	4	14
268	9	4	2		8	5	14
278	9	4	3		2	6	8
288	8	4	4		4	7	10
298	7	4	4		4	7	46
308	6	4	5		25	8	35
318	5	4	6		19	9	25

A Table of Houses for the Latitude of London, 51 d. 32 min.

Sol in Aries.

Time from Noon	10	11	12	Alecn.	2	3
	γ	δ	ε	ζ	η	θ
H.M.	gr.	gr.	gr.	Gr.M.	gr.	gr.
0	8	2	15	0	28	2
0	15	4	17	2	29	19
0	22	6	20	3	0	40
0	29	8	22	5	2	0
0	37	10	24	7	3	19
0	44	12	26	8	4	38
0	51	14	28	10	5	57
0	59	16	II	11	7	15
1	6	18	2	13	8	35
1	14	20	4	14	9	53
1	21	22	6	16	11	12
1	29	24	8	17	12	32
1	36	26	10	19	13	52
1	44	28	12	20	15	24
1	52	30	14	22	16	31

Sol in Taurus.

Time from Noon	α	β	γ	Alecn.	δ	ε	ζ
1	59	2	16	23	17	51	8
2	7	4	18	25	19	12	9
2	15	6	20	26	20	32	11
2	22	8	22	28	21	54	12
2	30	10	24	29	23	16	13
2	38	12	26	31	24	38	15
2	46	14	28	2	26	0	16
2	54	16	29	4	27	24	18
3	2	18	69	5	28	47	19
3	10	20	3	7	0	13	21
3	18	22	5	8	1	37	22
3	26	24	7	10	3	2	24
3	35	26	9	11	4	29	25
3	43	28	10	13	5	55	27
3	51	30	12	14	7	2	28

Sol in Gemini.

Time from Noon	10	11	12	Alecn.	2	3
	κ	λ	μ	ν	ξ	ο
H.M.	gr.	gr.	gr.	Gr.M.	gr.	gr.
4	0	2	14	16	8	50
4	8	4	16	17	10	18
4	16	6	18	19	11	47
4	25	8	19	20	13	16
4	33	10	21	22	14	46
4	42	12	23	24	16	16
4	51	14	25	25	17	46
4	59	16	27	27	19	17
5	8	18	28	28	20	49
5	16	20	30	30	22	20
5	25	22	32	32	23	51
5	34	24	4	3	25	23
5	43	26	6	5	26	55
5	51	28	8	6	28	27
6	0	30	9	8	30	0

Sol in Cancer.

Time from Noon	π	ρ	σ	Alecn.	τ	υ	φ
6	8	2	11	10	1	33	24
6	17	4	13	11	3	5	25
6	26	6	15	13	4	37	27
6	35	8	17	14	6	9	29
6	44	10	18	16	7	40	31
6	52	12	20	17	9	12	2
7	1	14	22	19	10	43	3
7	9	16	24	21	12	14	5
7	18	18	26	22	13	45	6
7	27	20	27	24	15	14	8
7	35	22	29	25	16	44	10
7	44	24	31	27	18	14	11
7	52	26	3	29	19	42	13
8	0	28	5	31	21	10	14
8	5	30	6	2	22	38	16

min.

## A Table of Houses for the Latitude of London, 51 d. 32 min.

## Sol in Leo.

Time from Noon	10	11	12	Afcen.	2	3
H. M. gr. gr. gr. Gr. M. gr. gr.						
17	2	3	3	24	5	17
25	4	10	5	25	32	19
37	6	12	6	26	58	20
42	8	13	8	28	23	22
50	10	15	9	29	42	23
58	12	17	11	31	13	25
6	14	18	12	36	26	27
14	16	20	14	4	28	2
22	18	22	15	5	22	29
30	20	24	17	6	45	2
38	22	25	18	8	6	8
46	24	27	19	9	28	4
53	26	29	21	10	48	5
1	28	31	22	12	9	7
8	30	2	23	13	30	8

## Sol in Virgo.

Time from Noon	10	11	12	Afcen.	2	3
H. M. gr. gr. gr. Gr. M. gr. gr.						
16	2	3	25	14	49	10
24	4	5	26	16	9	11
31	6	7	28	17	28	13
39	8	8	29	18	48	14
46	10	10	31	20	6	15
54	12	11	2	21	26	17
1	14	13	3	22	45	19
9	16	15	4	24	4	20
16	18	16	6	24	23	22
23	20	18	7	26	41	23
31	22	20	9	28	1	25
38	24	21	10	29	20	27
45	26	22	11	30	39	28
53	28	24	13	2	30	15
0	30	26	14	3	19	17

## Sol in Libra.

Time from Noon	10	11	12	Afcen.	2	3
H. M. gr. gr. gr. G. M. gr. gr.						
7	2	27	15	4	40	3
15	4	29	17	6	2	5
22	6	31	18	7	24	7
29	8	2	19	8	46	9
37	10	3	21	10	10	11
44	12	5	22	11	35	12
51	14	6	24	12	59	14
59	16	8	25	14	26	16
6	18	9	26	15	54	19
14	20	11	28	17	23	21
21	22	13	29	18	54	23
29	24	14	30	20	26	25
46	26	16	2	22	1	28
44	28	18	3	23	37	30
52	30	19	5	25	15	32

## Sol in Scorpio.

Time from Noon	10	11	12	Afcen.	2	3
H. M. gr. gr. gr. G. M. gr. gr.						
5	2	21	6	26	56	5
14	4	22	8	28	39	8
15	6	24	9	30	24	11
22	8	25	11	2	13	14
30	10	27	12	4	6	17
38	12	29	14	6	1	21
46	14	30	16	8	0	24
54	16	2	17	10	6	27
1	18	4	19	12	14	30
10	20	5	20	14	29	5
18	22	7	22	16	46	9
26	24	9	24	19	1	13
35	26	10	26	21	43	17
43	28	12	28	24	24	21
51	30	14	30	27	10	25

A Table of Houses for the Latitude of London, 51 d. 32 m.

Sol in Sagittary.

Time from Noon	10	11	12	Ascen.	2	3
	♌	♍	♎	♏	♐	♑
H. M.	gr.	gr.	gr.	Gr. M.	gr.	gr.
16	02	16	1	0	60	13
16	84	18	3	3	114	15
16	166	19	5	6	279	17
16	258	21	8	9	5213	20
16	3310	23	10	13	3017	23
16	4212	25	12	17	1921	26
16	5114	27	14	21	2025	29
16	5916	29	17	25	32♏	II
17	818	♐	19	29	583	3
17	1620	3	22	4	387	5
17	2522	5	24	9	2411	8
17	3424	7	27	14	2314	10
17	4326	9	30	19	3018	12
17	5128	11	♏	24	3921	14
18	030	13	6	30	024	17

Sol in Capricorn.

Time from Noon	♑	♒	♓	Asc.	♑	♒	♓
	♑	♒	♓	♑	♒	♓	♓
18	82	169	5	1927	19		
18	174	1812	10	29II	21		
18	266	2016	15	373	23		
18	358	2319	20	356	25		
18	4410	2523	25	238	27		
18	5212	2727	30	011	29		
19	114	♏	4♏	2713	♓		
19	916	5	8	3916	3		
19	1818	5	12	4218	5		
19	2720	7	16	3120	7		
19	3522	10	20	522	9		
19	4424	12	23	3325	11		
19	5226	15	26	4727	12		
20	028	18	♑	2953	29	14	
20	030	2014	2II	50♓	116		

Sol in Aquary.

Time from Noon	10	11	12	Ascen.	2	3
	♑	♒	♓	♑	♒	♓
H. M.	gr.	gr.	gr.	G. M.	gr.	gr.
20	172	239	5	372	18	
20	254	2613	8	14	20	
20	346	2917	10	455	21	
20	428	♏	21	1310	23	
20	5010	4	25	1532	25	
20	5812	7	29	1746	27	
21	614	10	♏	319	56	13
21	1316	13	6	22	14	30
21	2218	16	10	2359	16	♓
21	3020	19	13	2555	18	3
21	3822	22	16	2747	19	5
21	4524	25	19	2937	21	6
21	5226	27	22	1522	22	8
22	128	♑	25	3	524	10
22	830	3	27	4	4526	11

Sol in Pices.

Time from Noon	♓	♑	♒	Asc.	♓	♑	♒
	♓	♑	♒	♓	♑	♒	♒
22	162	60	6	2327	13		
22	244	92	8	028	14		
22	316	125	9	3527	16		
22	398	147	11	7♓	17		
22	4610	179	12	372	19		
22	5312	2011	14	74	21		
23	114	2314	15	355	22		
23	916	2516	17	16	24		
23	1618	2818	18	1826	25		
23	2320	♏	19	1952	27		
23	3122	3	21	2115	28		
23	3824	5	23	2237	12	11	
23	4526	8	25	2359	13	1	
23	5328	10	27	2521	15	3	
24	030	13	28	2642	16	4	

# The Second Part of Coley's Almanack for 1687.

A Synopsis of the Planets Mutual Aspects in every Month in this present Year M D C L X X V I I.

Asp. in Jan.	D. Signs	Asp. in May.	D. Signs	Asp. in Sept.	D. Signs
♂ ☉ & ♀	2 ♉ ♀	☉ Eclipsed	1h P M	♂ ☉ & ♀	3 ♉ ♀
♂ ☉ & ♀	4 ♉ ♀	☉ visible in ♂	6 ♉ ♀	♂ ☉ & ♀	8 ♉ ♀
♂ ☉ & ♀	5 ♉ ♀	♂ ♀ & ☉	7 ♉ ♀	♂ ☉ & ♀	9 ♉ ♀
♂ ☉ & ♀	6 ♉ ♀	♂ ♀ & ☉	16 ♉ ♀	♂ ☉ & ♀	13 ♉ ♀
♂ ☉ & ♀	10 ♉ ♀	♂ ♀ & ☉	18 ♉ ♀	♂ ☉ & ♀	17 ♉ ♀
♂ ☉ & ♀	21 ♉ ♀	♂ ♀ & ☉	26 ♉ ♀	♂ ☉ & ♀	22 ♉ ♀
♂ ☉ & ♀	22 ♉ ♀	♂ ♀ & ☉	30 ♉ ♀	♂ ☉ & ♀	23 ♉ ♀
♂ ☉ & ♀	24 ♉ ♀	♂ ♀ & ☉		♂ ☉ & ♀	28 ♉ ♀
♂ ♀ & ☉	27 ♉ ♀	Asp. in June.	D. Signs	♂ ☉ & ♀	29 ♉ ♀
♂ ♀ & ☉	28 ♉ ♀	♂ ♀ & ☉	6 ♉ ♀	Asp. in Octob.	D. Signs
Asp. in Febr.	D. Signs	♂ ♀ & ☉	7 ♉ ♀	♂ ☉ & ♀	3 ♉ ♀
♂ ♀ & ☉	1 ♉ ♀	♂ ♀ & ☉	12 ♉ ♀	♂ ♀ & ☉	17 ♉ ♀
♂ ♀ & ☉	11 ♉ ♀	♂ ♀ & ☉	14 ♉ ♀	♂ ♀ & ☉	9 ♉ ♀
♂ ♀ & ☉	16 ♉ ♀	♂ ♀ & ☉	15 ♉ ♀	♂ ♀ & ☉	10 ♉ ♀
♂ ♀ & ☉	18 ♉ ♀	♂ ♀ & ☉	21 ♉ ♀	♂ ♀ & ☉	11 ♉ ♀
♂ ♀ & ☉	19 ♉ ♀	♂ ♀ & ☉	23 ♉ ♀	♂ ♀ & ☉	18 ♉ ♀
♂ ♀ & ☉	22 ♉ ♀	♂ ♀ & ☉	23 ♉ ♀	♂ ♀ & ☉	29 ♉ ♀
♂ ♀ & ☉	28 ♉ ♀	♂ ♀ & ☉	25 ♉ ♀	Asp. in Nov.	D. Signs
Asp. in Mar.	D. Signs	♂ ♀ & ☉	28 ♉ ♀	♂ ♀ & ☉	2 ♉ ♀
♂ ♀ & ☉	3 ♉ ♀	Asp. in July.	D. Signs	♂ ♀ & ☉	6 ♉ ♀
♂ ♀ & ☉	9 ♉ ♀	♂ ♀ & ☉	8 ♉ ♀	♂ ♀ & ☉	8 ♉ ♀
♂ ♀ & ☉	10 ♉ ♀	♂ ♀ & ☉	12 ♉ ♀	♂ ♀ & ☉	17 ♉ ♀
♂ ♀ & ☉	14 ♉ ♀	♂ ♀ & ☉	14 ♉ ♀	♂ ♀ & ☉	23 ♉ ♀
♂ ♀ & ☉	16 ♉ ♀	♂ ♀ & ☉	15 ♉ ♀	♂ ♀ & ☉	28 ♉ ♀
♂ ♀ & ☉	17 ♉ ♀	♂ ♀ & ☉	20 ♉ ♀	Asp. in Dec.	D. Signs
♂ ♀ & ☉	18 ♉ ♀	♂ ♀ & ☉	27 ♉ ♀	♂ ♀ & ☉	2 ♉ ♀
♂ ♀ & ☉	19 ♉ ♀	♂ ♀ & ☉	29 ♉ ♀	♂ ♀ & ☉	3 ♉ ♀
♂ ♀ & ☉	20 ♉ ♀	♂ ♀ & ☉	31 ♉ ♀	♂ ♀ & ☉	16 ♉ ♀
♂ ♀ & ☉	21 ♉ ♀	Asp. in Aug.	D. Signs	♂ ♀ & ☉	19 ♉ ♀
♂ ♀ & ☉	24 ♉ ♀	♂ ♀ & ☉	4 ♉ ♀	♂ ♀ & ☉	21 ♉ ♀
♂ ♀ & ☉	31 ♉ ♀	♂ ♀ & ☉	7 ♉ ♀	♂ ♀ & ☉	23 ♉ ♀
Asp. in April	D. Signs	♂ ♀ & ☉	10 ♉ ♀	♂ ♀ & ☉	30 ♉ ♀
♂ ♀ & ☉	3 ♉ ♀	♂ ♀ & ☉	12 ♉ ♀		
♂ ♀ & ☉	15 ♉ ♀	♂ ♀ & ☉	22 ♉ ♀		
♂ ♀ & ☉	24 ♉ ♀	♂ ♀ & ☉	29 ♉ ♀		
♂ ♀ & ☉	30 ♉ ♀				

*A brief Chronological Account of some things worthy of  
Note since the Birth of Christ to this present Year 1687.*

Since the Birth of Christ 1687	of Holland were beheaded 39
Christ died on the Cross 1654	Worcester Fight, Sept. 3. 36
England first received the	Cromwell died Sept. 3. 29
Christian Faith 1550	Gen. Monk marched to Lon. 28
Scotland first received the	King Charles II. arrived in
Christian Faith 1484	London, May 29. 27
The Tower of Lond built 1118	Harrison and the rest of the
Cambridge was made an Uni-	Regicides were executed at
versity 1052	Charing-Cross 27
The Danes first came into	K. Charles II. crown'd 22 Apr. 26
England 669	King Charles II. married 25
Westminster Hall built 587	The first great Sea-fight with
The Conquest of England by	the Dutch 22
D. Will. the Conqueror 619	The great Plague in London,
Pauls Church in Lon. built 601	whereof died 68586 in that
Lon. Bridg built with stone 498	year, in all 97351 22
The first Mayor of London 497	The great Fire in London on
The Order of the Garter in-	Sept. 2, 3, and 4, which con-
stituted 343	sumed 13200 houses 21
Guns were invented 247	The D. of Albemarle died 17
Coaches first invented in Eng-	London rebuilt 16
land 149	Since the English fought the
The Royal Exch first built 122	Dutch at Sea, under the con-
A Plague in London, whereof	duct of his Highness P. Rep. 13
died 30598 84	600 Houses burnt in South. 11
The Gunpowder-Treason No-	Since the L. Staff. beheaded 6
vemb. 5 82	Since the last great Comet 6
A Plague in London, whereof	Since the last great 13 weeks
died 35418 57	Frost (with a kind of a Fair
A great Plague in Cambridge 55	kept upon the Thames of
Earl of Stafford beheaded 46	London) &c. 3
A great Fight at Edge-hill 45	Since the Rebellion in Eng-
Braimford Fight 45	land and Scotland 2
Newbury first Fight, Sep. 22. 43	Since the late D. of Monmouth
Newbury second Fight 42	and Argyle were Beheaded
The fatal Battel at Naseby,	for their Treason and Re-
June 4. 42	billion: As also since the
The Bp. of Cant. beheaded 42	Rebels were tryed, condem-
K. Charles the I. murdered 39	ned, and executed in the
Duke Hamilton, L. Capel, and E.	West 2

A T

Ho  
Ho  
June  
April, May, June  
March  
Febr.  
Jan.  
Decem.

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A Table shewing the true Hour of the day, by a plain Staff, divided into Ten Equal Parts.

Ho. beforenoon.		12	11	10	9	8	7	6	5
Ho. afternoon.		1	2	3	4	5	6	7	
June	11	5 b	6	7 b	9 c	13 b	19 a	30	57 a
May	12	5 b	6	7 b	10	13 c	19 b	30 b	59
April	21	5 c	6 b	7 c	10 a	14	20 a	32	65 a
March	11	6 a	6 c	8 a	10 c	14 c	21 b	35	78 b
Febr.	30	7	7 b	9	11 b	16	23	40	108
Jan.	20	7 c	8 a	10	12 c	17 b	26 b	48	196
Decem.	9	8 c	9 a	11	14	19 b	30	62 a	
Nov.	30	10	10 b	12 a	15 c	22 a	36 b	92 a	
Oct.	20	11 a	12	14	18	26	46	182	
Sept.	10	13	13 c	16	21	31 a	62 c		
Aug.	28	15	16	18 c	24 c	39	97 a		
July	18	17 b	18 b	22	29 c	51	210		
June	8	20 b	21 c	26	36	70 c			
May	29	24	25 b	31	46	110	Note, That a stands for a quarter of a part, b for half a part, and c for three quarters.		
April	19	28	19 c	37	59	208			
March	9	32	34 b	44	76	829			
Febr.	30	36	39	51	97				
Jan.	21	39	42 b	56 b	117				
Decem.	11	40	43 c	59	126				

To find the Hour of the Day by this Table.

Take a Staff of what length you please, and (with a pair of Compasses) divide it into ten equal parts, marking them upon the Staff; then in some plain level place, where the Sun doth shine, set it upright, and mark where the end of the shadow thereof falls; which done, measure with your Staff the length of the shadow, and note the parts it contains, which find out in this Table, against the day of the Month, and over head you have the true Hour of the Day.

Suppose the 9 of April or 13 of August, I should find the shadow of the Staff to be 30 parts and a quarter (that is, three Staffs length and a quarter) therefore seeking in the Table against the said days, I see over head that it is then either 7 a'clock in the morning, or 5 in the afternoon: so that if your observation was in the morning, it was 7; but if in the afternoon, 5 a'clock.

By this Example, you may see the ease and excellent use of the Table, which is as ready as any movable Sun-Dial; so that whereforever you are, or travel, you may (having this Book about you) speedily know the true Hour, &c.

*My little Ship doth on the Ocean Fleet,  
That every Circumspecting Eye may see't.  
Now in her Voyage, lest she chance to fail,  
'Tis my Request, she may have happy Sail.*

I. Of the Four Quarters of the Year; and first of the Winter, or the Sun in Capricorn, Aquarius, and Pisces.

**T**HE Winter Quarter always begins when the Sun touches the first scruple of the Tropical Sign Capricorn, which was December the Eleventh, about Ten in the Morning 1686, making with us the longest night, and shortest day. Now the Sun has his greatest Southern Declination and Amplitude of Rising and Setting from the East and West, as also his least Meridian Altitude; The Inclination of this Quarter, is cold and moist, but the colder and dryer it is the better and wholesomer. Now the younger sort, also chollerique People enjoy their health best, but the Aged and those of *Phlegmatick* Constitutions are generally most Distempered; And as to the Constitution of the Air, it should be reasonably wholesom; But for that of the Weather, both in this and the other three Quarters: I refer the Reader to my *Conjectures* thereof in the particular Months, but for those as would be more curious in all such matters or speculations. Let them consult that *Incomparable Book*, lately Published by the Learned Dr. Goad, Entituled, *Astronometeorologica*, or *Aphorism's*, or Discourses of the Coelestial Bodies; their natures and influences, discovered from the variety of the alteration of the Air, Temperate, or Intemperate, as to Heat, or Cold, or Frost, Snow, Hail, Fog, Rain, Wind, Storm, Lightnings, Thunder, Blasting, Hurricane, Tuffon, Whirlwind, Iris, Chafines, Parelii, Comets, their Original, and Duration, Earth-quakes, Vulcano's, Inundations, Sicknes Epidemical, *Macule solis*, and other Secrets of Nature: Printed, and Sold by Mr. Obadias Blagrove, at the Black Bear in St. Pauls Church-yard; over against the little North-door. I say, let the curious Inquirer inspect this Book seriously over and over again, and both he as well as the most Critical Antagonist or Carper, may find such Satisfaction, that they will scarce be able to raise any Reasonable

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*sonable Objection*, but what is therein answered, and the *Art* in many critical points justified and supported ; Let the *Pro* *fessors* thereof, do as well as they can.

This worthy Author tells us, that he which acknowledgeth a *Creation*, confesses the *Prime Cause* ; So he who acknowledgeth *Providence*, must confess a *Second*. And what are the *Planets* ? Saith he, ( most truly ) They are no *Ido's*, nor the work of any *Strange God* to us, *Jannes*, and *Jambres* did not make them no miraculous *Magique*, placed the least of them in the *Firmament*, nor can any *Charm* ( whatever the besool'd *Heathen* imagine ) pull them down ; They are the *Creatures* of the pure *Virgin Creation*, before ever it was besmeared with the unwholsom *Mists* of *Heathen Idolatry*. — *That the Times of the Year unseasonable are unhealthy*. That an excess of *Heat*, even in season, much more out of season ; is dangerous to all *Bodies*. Nothing hinders, but that an *Aspect* of the *Superiour Planets*, may be reckoned more or less dangerous at certain times. *Foggy Air* is unwholsom, *Harvest time* is *Obnoxious* to *Feavers*, and a *Hot May*, makes a *Fat Church-yard*. Put this into terms of *Philosophy*, & it signifies an *Aspect* of *Saturn & Mars*, or something equivalent to *Malignant* about *Virgo* and *Libra*, brings *Feavers*, and an *Aspect* of *Saturn* and *Mars*, in *Gemini*, *Cancer*, *Aquarius*, *Leo*, in *May* time kills us up. And a *Conjunction* of *Saturn* and *Jupiter*, brings *Foggy choaking Weather*. In short, this Author has handled all those particulars aforesaid, so fully and so elegantly, that nothing more need be said, & 'tis richly worth the perusal ( in my poor opinion ) of all ingenious *Students*, and others that delight in such pleasing speculations.

II. *Of the Spring-Quarter, which continues till the Sun has passed through the Signes, Aries, Taurus, Gemini, ending the Eleventh of June 1687.*

The *Spring* takes beginning, when the *Sun* moveth into the first degree of the *Equinoctial Sign Aries*, which this year ( by some good *Tables* ) falls *March* the Tenth about 36 m. past 9 in the *Morning*, by others, at least 2 hours later, ( which as the case stands at present, is not much material. ) Now we may experiment that the day and night is equal, the *Sun* Rises at 6,

and Sets at 6, and I have often written it; That the nature of this *Quarter* is *hot* and *moist* in the general, but should it prove otherwise, it brings sudden Diseases, and noxious Distempers; Yet Generation consists of heat and moistness, and therefore such persons, that are naturally *Melancholly*, usually enjoy their health best this *Spring-season*, but those of a Sanguine Complexion and Constitution, the contrary.

Now Aged People are for the most part, very brisk and lively, but the younger sort inclinable to many Distempers, and shole prove the most dangerous, which proceed from Putrified and Corrupted Bloud, as the Small-Pox, Measles, Surfeits, Feavers, Plurifies, Phrensies, &c. Many are the Distempers of this Quarter, therefore it concerns all People that value their Health, to Antidote themselves against the malignity thereof, and consult the Able Physitian in time: The aforesaid Author tells us, it is a Ruled Case amongst us, that the *Small-Pox* growing more Rise then Ordinary, bodes some worse Distemper ensuing; If in the *Spring*, then the *Summer* is feared; If in the *Summer*, then the following year is Suspected: 'Tis true, a Plague has been not only Threatned, but expected these 3 or 4 years at least, last past, from Astrological grounds, and thanks be to God, we have escaped the danger and violence thereof hitherto, and some of our Neighbour Nations have felt the smart; Again, some accuse us to make *Pestilences*, too frequent every Ten or Twenty Years. But our Author doth very well answer the point thus: *Many* steps in, and denys the consequence. *Truth* says, there is danger, and *Conscience* says, we deserve it. But we see with thanks to Heaven, it is not always so, sometimes it is but once in Thirty Years, though it cannot be denied, but that about once in that Term, there is some Reason to fear. We do not love to hear of Death, that's true, yet no man will give above Seven Years purchase for a Life, that's less then Ten, nor can you make a Deed to any purpose without mention of Mortality; Hence, let such Objections cease, and instead of Reviling with sad Truth, let's Remember our Enemy, and prepare to meet him, *Memento homo quod pulvis es*, should not be forgotten.

The Learned Sir Francis Bacon tells us, the general opinion is, that years *hot* and *moist* are most *Pestilent*, upon the superficial ground; That *heat* and *moisture* cause Putrefaction, in

England, this holds not true, for many times there have been great Plagues in dry Years, Whereof the Cause may be, for that drought in the Bodies of *Iflanders*, habituate to moist Airs, doth exasperate the humours, and maketh them more apt to putrifie or enflame: Besides, it tainteth the waters (commonly) and maketh them less wholesom.

Many Diseases (both Epidemical and others) brake forth at particular times, and the Cause is falsely imputed, to the Constitution of the Air that *Time*, when they brake forth or reign; whereas it proceedeth (indeed) from a *precedent Sequence*, and Series of the *Seasons* of the Year; And therefore, *Hippocrates* in his *Prognosticks*, doth make good Observations of the Diseases that ensue upon the nature of the *Precedent*, four Seasons of the Year.

It is commonly seen, that more are sick in the *Summer*, and more die in the *Winter*, except it be in Pestilent Diseases, which commonly Reign in *Summer* or *Autumn*. The reason is, because Diseases are bred, (indeed,) chiefly by Heat, but then they are cured most by Sweat and Purge; which in the *Summer* cometh on, or is provok'd more easily: As for Pestilent Diseases, the reason why most dye of them in *Summer*, is, because they are bred most in the *Summer*, for otherwise, those that are touch'd, are in most danger in the *Winter*. Again, divers Diseases, especially, *Chronicall*, (such as Quartain Agues,) are sometimes cur'd by Surfeit and Excesses, as excess of Meat, excess of Drink, extraordinary Fasting, extraordinary Striving or Lashitude and the like; the cause is for that Diseases of continuance, get an advantageous strength by Custom, besides their material cause from humour, so that the breaking of the Custom, doth leave them only to their first cause, which if it be any thing weak, will fall off, besides, such excesses do excite and spur Nature, which thereupon rises more forcibly against the Disease. Lastly, *Physicians*, (saith this Learned Author) do wisely prescribe, that there be preparatives used before just *Purgations*, for certain it is, that purges do many times great hurt, if the body be not accommodated both before and after the Purging. But it is true, that Bodies abounding with Humours, and Fat Bodies, and open Weather are *Pituitous* in themselves, because they make the humours more fluid.

Heark how the Spher's Ring Changes!  
 Apollo Tunes his Viol;  
 The Birds do Sing as in the Spring,  
 And now all things are Loyal.

Dr. Witte G. R. 120.

III. Of Summer Quarter, or the Suns perambulation (to vulgar appearance) through the Signs, Cancer, Leo, and Virgo.

It is well known, that this Quarter, commences when the Sun touches the first punctum of the Tropical Sign Cancer, and Periods about the Twelfth of September following, now the time of its initiation is *Just* the Eleventh about Sixteen minutes past Eleven mane, at which time bright Sol has his greatest Northern Declination and Amplitude, as well as Altitude, at Noon, and makes with us the longest day, and shortest night, &c. This Quarter is naturally hot and dry, and the Phlegmatick Constitutions enjoy their health best, but the cholorique may not so well expect it.—This is the season, that prove more favourable to Old Age, then to those in their Juvenal Years, let them take care accordingly, for the whole and healthful Person needs no Physician.—Man is very significantly term'd a little World, or Microcosmus; because he is compounded of the same with Macrocosmus, or the great World, and that is of Matter, Spirit, and Light; Man, resembles the Universe, in the Site or Position of the Members of his Body, for as that is divided into three parts, viz. The Elementary, the Caelestial, and the Super-caelestial: So Man hath three Ventricles. 1. The lowest which serves for Nutrition. 2. The middle Ventrical (or the Breast) wherein is the Work-House of Life, and the Fountain of Heat. 3. The upper Ventrical, or the Head, in which is contained the Animal Spirits, and in them that we call Reason. So also there is an Analogy, between the parts of the World, and the parts of the Body; For Flesh represents the Earth, Bones, the Stones, Blood and other Humours, the Waters, Vapours (of which most Bodies abound) represents the Air, the Vital Spirits, the Heavens and the Stars, the Herbs, Plants, and the Seven Planets are Analogous to the Seven vital Members in our Body; For the Heart is in the place of the Sun, the Brain of the Moon, the Spleen of Saturn, the Liver of Jupiter, the Gall of Mars, the

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he Reins, *Venus*, the *Lungs*, *Mercury*, &c. And thus it is said there is a certain Analogy between the great *World*, and *Man*, though to us, not yet well known. *Man* has his Body from the *Elements*, his Spirit from *Heaven*, and his Mind from *God*, and so himself alone, he Represents the *Visible* and *Invisible* World. thus says, *Comenius*,

But Hark! What hideous noise, Ring in the Firmament?

See with what violence, the Clouds are Rent.

What thing oppresses Nature thus, I wonder?

The Heavens crack, as tho they would split asunder.

#### IV. Of Autumn, or the Suns Progress through the Signs, *Libra*, *Scorpio*, and *Sagittary*, &c.

THIS Quarter begins, when the Glorious Lamp of Heaven the *Sun*, touches the first minute of the *Aequinoctial* Signe *Libra*, and produces (in many things) the same effects as in *Aries*, that is to say, the days and nights are again equal: Now the *Sun* Rises and Sets at 6, that is, he Rises just East, and Sets just West, and has therefore no *Amplitude*, nor *Declination*. This may be (and is) called the second *Spring*, and therefore a convenient time to Bleed and Purge, with good advice from the Learned and Able *Physitian*: The Season is naturally cold and dry, and therefore those of a *Sanguine* Complexion, best enjoy their Health, as young brisk Persons; But the Aged sort usually droop, and are very uneasy. This Quarter Commences September the 12th three quarters of an hour past Mid-night: I need not trouble you with a Scheme thereof, and tell you how the *Planets* are plac'd therein, that's but dull Musick, and since no other will be permitted, let's hope well, and resolve to be content, and praise God for all the *Luminaries* of Heaven, the *Sun*, the *Moon* and *Stars*, which the Heathen World formerly ador'd, which we also ought all to admire, and adore their Creator, whose Glory the *Heavens* declare, and the *Firmament* his handy-work; which though we behold them according to their seeming Aspects, yet, we perceive not their real *Magnitudes*, and *Altitudes*, much less their wonderful motions and influences; These are the Grand *Horologues* of Nature without *Spring*, or *Pendulum*, and yet, far more constant and certain; Making day and night, and all the Seasons of the Year, and probably shall never attain any natural Period, but be violently prevented by

by the final Conflagration, &c. Yet, whilst this Earthly Globe doth stand, it is prefer'd and govern'd by their Progresses and Circuits, about the Inferiour Orb, who as they pass along, scatter the *Missilia* of their various Influencies. And though they being a very great Multitude, seem to be in a continual Rout, yet, every one of them marcheth in his own Rank and File, as they are all severally distributed into Troops and Parties of Constellations, and the whole Host of them, formeth one most orderly and Powerful *Militia*, whereof *Sol* is the great General and *Imperator*, who himself alone is able to Conquer all the inferiour World. Said *Julius Caesar*.

*He always leisure sound, amidst his VVars,  
To mark the Coast of Heaven, and learn the Stars.*

ADVERTISEMENT S.

M<sup>RS</sup>. Sarah Matthews, Widow, dwelling in Capt. Ribby's Buildings in Lime-house near Ratcliff-Cross, London, Cures Crooked and Hunch-back'd Children, If taken in time, and under the age of 16 years; she sees them once a month in a Mathematical Chair, where they are exactly measured, and proceeds by an easie method, which she was taught by F. M. L. Van Helmont, Son of the Great and Well-known Van Helmont over all Europe. She has also many excellent Medicines of great Vertue and Efficacy in the Cure of several Diseases, &c.

The true Spirit of Scurvy-Grass (both Plain and Purging) by the first Author thereof, who now for the general good, sells it at 6 d. per Glass in London, and 8 d. in the Country, and as good as any that is publicly sold; and yet there is some counterfeited of that price: But to prevent that Cheat, this is sealed up with the Doctor's Arms, being three Crosses Crosses and Chequers, well known by the name of Perdoge's Spirit of Scurvy-Grass, and may be had at his House in Leather-lane near Holborn, with printed Papers of its Vertue and Use.

Buckworth's Lozenges, famous for the Cure of Coughs, Colds, Catarrhs and Hoarseness, &c. being also a great Cordial and sovereign Preservative against all Contagious Distempers, Malignant Air, and Unwholesome Weather, well approv'd of by the chief Physicians of the Colledge, to whom the true Receipt has been communicated by the Publisher hereof, are now rightly prepared only by James Shipon, Apothecary, at the Crown in Hatten-Garden.

*Tesaurarium Mathematicum*: or, the Treasury of the Mathematicks: In which is contained variety of useful Practices in Arithmetick, Geometry, Trigonometry, Astronomy, Geograpy, Cosmography, Navigation (in all the three kinds of sailing) Surveying of Land, &c. As also in teaching the Art of Measuring all things, Gauging, Dialing, Fortification, Military Orders, and Gunnery, &c. By J. Taylor Gent. Sold by W. Freeman next St. Dunstons Church in Fleet-street.

The Seaman's Tutor to Navigation, written by Mr. Peter Peckory, Philosopher and sold by Obadiah Bligrave at the Black Bow in St. Paul's Church-yard.

A Table shewing the Rising, Southing and Setting of the Pleiades, or Seven Stars, for every fifth day throughout the Year: of great use for finding the Hour of the Night, &c.

JANUARY.			FEBRUARY.			MARCH.		
Rise.	South.	Setting.	Rise.	South.	Set.	Rise.	South.	Set.
11 b 30	7 a 59	4 m 10	9 b 31	5 a 47	2 m 3	7 m 45	4 a 1	12 m 17
11 16	7 32	3 48	9 11	5 27	1 43	7 26	3 42	11 a 58
10 54	7 10	3 26	8 52	5 8	1 28	7 8	3 24	11 40
10 36	6 49	3 58	8 33	4 49	1 56	6 39	3 5	11 21
10 16	6 32	2 48	8 15	4 30	12 46	6 31	2 47	11 3
9 54	6 10	2 26	7 56	4 10	12 28	6 13	2 29	10 45
APRIL.			MAY.			JUNE.		
Rise.	South.	Setting.	Rise.	South.	Set.	Rise.	South.	Set.
5 m 51	2 a 7	10 a 23	3 m 58	12 a 14	8 a 30	1 m 56	10 b 20	6 a 28
5 32	1 48	10 4	3 38	11 b 54	8 10	1 32	9 50	6 4
5 13	1 29	9 45	3 19	11 25	7 51	1 12	9 30	5 46
4 57	1 11	9 27	2 59	11 15	7 31	1 9	9 17	5 28
4 36	12 52	9 8	2 39	10 55	7 11	12 30	8 45	5 1
4 2	12 18	8 34	2 5	10 21	6 37	11 58	8 26	4 42
JULY.			AUGUST.			SEPTEMBER.		
Rise.	South.	Setting.	Rise.	South.	Set.	Rise.	South.	Set.
11 a 50	8 m 6	4 a 22	9 a 46	6 m 2	2 a 18	7 a 53	4 m 9	12 25
11 29	7 45	4 19	9 29	5 45	2 17	7 35	3 51	12 7
11 8	7 24	3 40	9 10	5 26	1 42	7 17	3 33	11 b 49
10 39	7 5	3 21	8 51	5 7	1 23	6 59	3 15	11 31
10 30	6 46	3 28	8 33	4 49	1 56	6 42	2 58	11 14
10 10	6 26	2 42	8 14	4 30	12 47	6 23	2 39	10 54
OCTOBER.			NOVEMBER.			DECEMBER.		
Rise.	South.	Setting.	Rise.	South.	Set.	Rise.	South.	Set.
6 6	2 m 22	10 b 38	4 a 6	12 m 22	8 b 38	1 56	10 a 12	6 28
6 3	2 47	10 9	3 47	12 38	15 1	1 34	9 50	6 6
5 28	1 44	9 50	3 28	11 44	8 1	1 12	9 28	5 44
5 9	1 29	9 31	3 2	11 18	7 34	12 50	9 6	5 22
4 49	1 5	9 21	2 41	10 57	7 13	12 28	8 44	5 0
4 30	12 46	9 2	2 22	10 35	6 57	12 6	8 22	4 38

VI. A Table of some of the principal Fixed Stars shewing the time that they Rise, South, Set, either before or after the *Pleiades* or *Seven Stars* also their Latitude, Magnitude, &c. that they may be the better distinguished.

Names of the Stars.	Rise.	South.	Set.	Latit.	Ma.	Nature.
The Pole-Star	lets	3 b 6	not	66 2N	2	h ♀
South Star of Wh. tail	1 a 11	3 b 17	b 13	20 47 S	2	o
Girdle of <i>Andromeda</i>	4 b 27	2 b 37	o b 47	25 29N	2	♀
Bright Star in the Whales Jaw	1 a 48	o b 43	3 b 14	12 37 S	2	h
<i>Caput Algol</i> , or <i>Medus</i>	sets	o b 41	not	22 22N	3	h ♀
Bright side of <i>Perses</i>	sets	o b 37	not	30 5N	2	h
N. Eye of the Bull	1 a 13	o a 41	o a 9	2 36 S	3	♀
The Goat	sets	1 a 24	not	22 51N	1	♂ ♀
Bright F. of <i>Orion</i> R.	4 a 33	1 a 31	1 b 31	31 11 S	1	h ♀
Shoulder of <i>Orion</i>	3 a 24	1 a 40	o b 4	16 53 S	2	♂ ♀
<i>Orion's</i> Belt	4 a 7	1 a 48	o b 31	23 38 S	2	♀ h
South Horn of the Bull	2 a 3	1 a 50	1 a 35	2 14 S	3	♂
Bright Foot of <i>Gemini</i>	3 a 35	2 a 51	2 a 7	6 48 S	2	♀ ♀
<i>Syrus</i> the great Dog	6 a 48	3 a 3	o b 42	39 30 S	1	♀ ♂
<i>Procion</i> the little Dog	5 a 38	3 a 54	2 a 10	15 57 S	2	♀ ♂
<i>Præsepe</i>	5 a 12	4 a 54	4 a 36	1 14N	Ne.	♂ ☾
North <i>Affellus</i>	4 a 55	4 a 55	4 a 51	3 8N	4	♂ ☉
South <i>Affellus</i>	5 a 23	4 a 57	4 a 31	o 4 S	4	♂ ☉
Head of <i>Hydra</i>	7 a 22	5 a 44	4 a 50	22 24 S	1	h ♀
Lions Heart or Basilisk	7 a 22	6 a 22	5 a 20	o 26N	1	♂
Lions Tail	8 a 48	8 a 4	7 a 20	12 18N	1	h ♀ ♀
<i>Vindemiatrix</i>	10 a 25	9 a 18	8 a 11	16 15N	3	
<i>Virg. Spike Arista</i>	12 a 48	9 a 40	6 a 35	1 59 S	1	♀ ♂
<i>Arcturus</i>	10 a 47	10 a 33	10 a 19	31 2N	1	♂ ♀
South Balance	14 a 41	11 a 57	8 a 29	o 26N	2	h ♀
North Balance	14 a 31	11 a 32	8 a 33	8 35N	2	♀ ♂
<i>Scorpion's</i> Heart	17 a 37	12 a 41	7 a 47	4 27 S	1	♀
<i>Aldebaron</i> or South eye	1 a 38	o a 49	o	5 31 S	1	♂
<i>Pleiades</i>	o a o	o o o	o	4 oN	3	♂

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VII. The Explanation and Use of the Precedent Tables of the fixed Stars.

The Table of the *Pleiades* or *Seven Stars*, contains Ten Columns, the first towards the left hand, expresses every day of each Month, as 1. 6. 11. 16. 21. 26. The second shews their Rising in hours and minutes, the third their Southing, the fourth their setting, as is plain by the very Titles, and observe the Letter (a) denotes after noon, and (b) before noon, and so in the 5th Column; is continued also the Rising, Southing, and setting of the *Pleiades*, in the 6th 7th and 8th, &c. And so of the rest, which is very plain and intelligible to any Person though of mean Capacity, Example.

Suppose, I desire to know the Rising, Southing, and Setting of the *Seven Stars*; *January* the 21th, I find by the Table, they rise 16 min. past 10 before Noon, and South, 32 min. past 6 afternoon, or at Night, and lastly, Set 48 min. past 2 of the Clock in the Morning, And so again, the 6th of *August*, they rise 29 min. past 9 afternoon, or at Night; they South 45. min. past 5 in the Morning, (as the letter *M* denotes) and they Set 1 min. past 2 afternoon, & sic in aliis. In the second Table of fixed Stars, there are seven Columns. (1.) The Names of the Stars. (2.) Their Rising. (3.) Their Southing. (4.) Their Setting, either before or after the *Pleiades*. (5.) Their Latitude. (6.) Their Magnitude. (7.) Their Natures, as the Titles direct. In the Columns of Rising and Setting, &c. Is express'd, how many hours they Rise, Set, and South, either before or after the *Seven Stars*, as the letter (a) and (b) denotes, &c. Example the *Pleiades*, South the 21 of *January*, 32 min. past 6 at Night, and in the second Table, I find that *Syrus*, or the Great-dog Star Souths 3 h. 3 m. after, which added to 6 h. 32 m. gives 9 hours 35 m. or 35' past 9 at Night, at which time, *Syrus* is upon the Meridian, with 39' 30 m. of South Latitude; He is a Star of the first Magnitude, and said to be of the Nature of *Jupiter* and *Mars*. The same is to be understood of all the rest—*Usus promptus fac it.*

VIII. Of the Eclipses of this present Year. 1687.

This Year affords only two Eclipses of the *Sun*, and none of the *Moon*. The first of the *Sun*, happens with us *May* the 1st.

1st. the beginning near a minute after 1, P.M., the Visible Synod  
1 h. 28' the greatest Obscuration, 1 h. 35' and the end at 2 h.  
P.M. Total Duration about 1 h. 7' Digits Eclipsed 1 2' and there-  
fore no great Eclipse, the 2d. falls October the 26th, about 6  
the Morning, and finish'd before Sun Rising with us, and there-  
fore invisible in our Hemisphere, and if so, I need say no more  
thereof.

IX. A short Description of the Visible World

Os hominum sublime dedit, Celumq; tueri  
Jussit, & erectos ad Sydereâ tollere vultus. Ovid.  
God gave to Man, an upright Face, that he,  
Might view the Stars, and learn Astronomy.

AS concerning the Order and Distribution of the World, the  
Learned Astronomers, have delivered their Opinions in all  
Ages, some supposing the Sun to be the Centre of the World,  
others, that the Earth was the Centre of the Orbs, both of Sun,  
Moon, and all the other Stars. But Copernicus discovering the  
exceeding falsity thereof, hath since given occasion of a farther  
Scrutiny into the matter, and consequently a large proof of the  
Verity thereof, and hence, ( without more words ) this Hypo-  
thesis of Copernicus, is now generally approv'd of by all, or most  
of the most Learned Mathematicians of all Nations, and it is  
grounded upon these following Principles, viz, (1.) That the  
Sun and the Fixed-Stars, shine with their own Innate and pro-  
per Light. (2.) That the Moon and other Planets in the System,  
have no Light of their own, but receive it of the Sun. (3.)  
That the Earth differs not (*ratione luminis*) in respect of her  
Light from the other Planets. (4.) That the Sun may be num-  
bered amongst the Fixed-Stars, and the Earth amongst the Pla-  
nets. (5.) That the Fixed-Stars, do always keep the same di-  
stance one from another, but it is otherwise amongst the Pla-  
nets. (6.) That the Fixed-Stars are far Remote, and without the  
Perimeter of the Sphere of Saturn, yet are not all placed in one  
Sphere, but every one hath a vast space about it, destitute of o-  
ther Fixed-Stars. (7.) That the Heavens have fluid, not solid  
Orbs. (8.) That the Earth resteth in its Sphere or Heaven; yet,  
notwithstanding, is carried about by virtue thereof, which may  
also be understood of all the other Planets. (9.) That the Earth  
(speaking properly) is not moved, nor any of the other Planets,  
although

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and Stars  
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ough they are transferr'd or carried about by their Orb or Heaven. (10.) That all the Primary Planets are carried about the Sun, as the true and proper Centre of their Vortex. (11.) That as the Earth is carried about the Sun, as her proper Centre, even so is the Moon transferr'd about the Earth. (12.) That all the Planets are not carried about the Sun in perfect Circles, but in Elliptick Paths or Orbs. (13.) That no Translation of the Earth can be any Parallax in the Fixed Stars, in respect of their great distance from our Eye. (14.) That it is altogether impossible to know the distance of the Stars from the Earth, and consequently from one another. (15.) That the Earth were beheld from Saturn, it would appear much like unto him in Magnitude and Lustre. (16.) That the Directions, Retrogradations, and Stations of the Planets, with the Velocity and Tardity, in their Motions are not Essential, but only an Appearance at the Earth, in respect of their Situation and Position one to another. (17.) That the Distance of the Planets may be known both from the Earth, and from the Sun, and mutually from one another. (18.) That the Secondary Planets (as the Moon and the Circumjovials) are carried about their Primary Planets, and retain their Bodies for their Centres about which they move. (19.) That the Earth (and probably the other Planets) hath a proper motion about her own Axis, which is uniform and equal, in respect of the conversions of her Meridian to the Sun. (20.) That all the Phenomena's of the Heavens may upon the Copernican System most easily and exactly be Resolv'd and Determined according to these Principles.

### The Epilogue or Conclusion.

THUS (Gentle Reader) I have given you here,  
A true description of one Troopick Year,  
Which you may behold, for ev'ry day,  
The motion of the Lights, their course, and way;  
Throughout the Zodiack; each degree and Sign.  
Plainly demonstrated in every line.  
The true Conjunctions, are presented here,  
And what Eclipses, in our Hemisphere  
Are visible, what not, with certain Notions;  
Astrological, drawn from th' various Motions.  
Of each Planet, whence you may learn the State,  
Of those Grand Powers, which Predominate  
O're Sublunary Things, and Rule th' effects,  
Of all our Actions by their strong Aspects.  
Let none mistake me, I have no selfish ends,  
My Pains, I do Devote unto my Friends,  
And such whose solid Judgments may give here,  
Their Approbation for another Year;  
For each concludes, Time will for no man stay;  
But walks its Circuit, and so pass away.  
Let Mutual Love amongst us, more increase,  
Let such be punish'd, that disturb our Peace,  
Then in my nest, I'll happy Tidings bring,  
Reader Farewel! God Save our Gracious King.

At the signe of the Golden Griffin in Bell-Savage-Yard on Ludgate-hill, liveth William Boyse the onely English Operator in Glass, and the most expert in making Artificial Eyes, so that they cannot be easily discern'd or distinguish'd from the Natural Eye, such is his great curiosity therein; and many o her Neat Operations in Glass, very rarely parallel'd by any other pretending to the same Art throughout England.

*Arts and Sciences Mathematical, profess'd and taught*  
*by the Author HENRY COLEY, Philomath. at his House*  
*in Baldwins Court over against the Old Hole in the Wall,*  
*Baldwins Gardens near Grays-Inn-Lane.*

ARITHME- { Whole Numbers and Vulgar Fractions.

TICK in { Decimal, and by Logarithms.

GEOME- { The Rudiments thereof, also the Demonstration  
 TRY. { and Practice, according to the best Authors.

{ The use of the Globes { Celestial, and  
 { Terrestrial.

ASTRO- { To project the Sphere in *Plano* to any Latitude  
 NOMY. { several ways. To calculate the Longitude and  
 { Latitude of the Planets, with their Declination  
 { and Ascension. Also the true Time, Quantity,  
 { and Duration of *Eclipses* of the Luminaries for  
 { any time past or to come.

{ Or the Doctrine and Calcula- { Plain and  
 { tion of Triangles, both-- { Spherical.

TRIGONO-  
 METRY.

{ With the Application of the { Geometry.  
 { several Cases thereof in the { Astronomy.  
 { most useful Questions in-- { Geography.  
 { Navigation.  
 { Dyalling, &c.

NAVI- { In either of the three { Plain and  
 GATI- { principal kinds of } by the { Mercator's } Chart  
 ON. { Sayling, viz. { Great Circle.

DYAL- { Geometrically } by { The Sector, and other con-  
 LING. { Instrumentally } venient Scales. [Tan-  
 { Arithmetically } The Logarithms, Sines and

{ Several ready ways to measure a Plat, and divide  
 SURVEY- { Land, &c. also the taking of Altitudes, Profun-  
 ING. { dities, Distances, &c. together with the Men-  
 { suration of all manner of Superficies, as Boards,  
 { Glass and Pavement; also all Solids, viz. Tim-  
 { ber, Stone, &c. Regular and Irregular.

GAGING. { To find the just quantity of Liquor in any Cask,  
 { whether full or partly empty. Also the con-  
 { tent or solidity of Brewers Vessels, &c. Tubs,  
 { Coppers, Backs, Coolers, &c.

ASTRO- { In all its parts, and according to the best Authors,  
 LOGY. { with several varieties therein, not known to e-  
 { very Professor. *Non nobis Nati sumus.*